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ORCHARD NURSERY

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LAFAYETTE, CALIFORNIA

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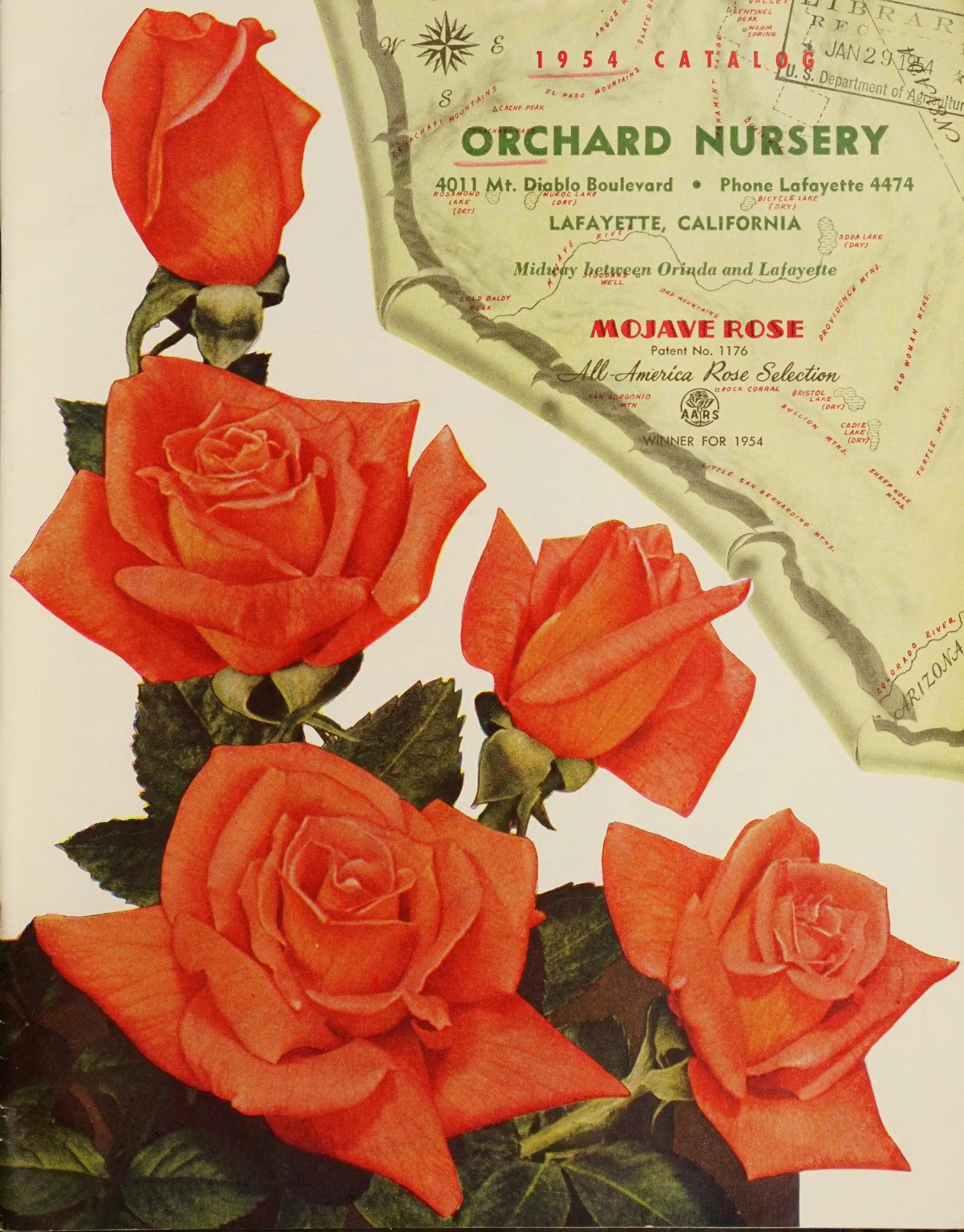
MOJAVE ROSE

Patent No. 1176

All-America Rose Selection



WINNER FOR 1954



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NON-WARRANTY CLAUSE

Seller gives no warranty, express or implied, as to the variety or productivity of any seeds, bulbs or nursery stock it sells. Liability in all instances is limited to the purchase price. No liability is assumed by the seller for delay or failure caused by war, strikes, fires, floods, drought, embargoes or any other contingencies beyond seller's control. If the purchaser does not accept the goods on these terms they are to be returned.

Front, left to right: Philodendron cordatum; Pothos, Marble Queen; Peperomia obtusifolia (Watermelon Peperomia); Peperomia Sandersi; Nepthytis, Tri-Leaf Wonder; Pothos aurea. Back: Sansevieria laurenti; Aglaonema simplex (Chinese Evergreen); Dracaena sanderiana; Maranta Kerchoveana.

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**OUR CORNERSTONE
CAMELLIA
COLLECTION
SIX**

**OF THE MOST POPULAR
AND CHOICE VARIETIES
15"-20" TALL**

\$5.95

Pope Pius IX. Formal red.

Grandiflora Rosea. Single,
large red.

Pax. Formal white.

Daikagura. Variegated red
and white.

Pink Ball. Peony pink.

Prof. Sargent. Peony red.



HOME OF ORNU PRODUCTS

ORCHARD NURSERY & SUPPLY

JACK SCHNEIDER and STEWART WADE, Co-owners

The Convenient Garden Center

Telephone Lafayette 4474 Midway Between Orinda and Lafayette on Tunnel Road

Closed Thursdays — Open Sundays



TO OUR CUSTOMERS

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Orchard Nursery guarantees its stock to be in perfect growing condition at time of purchase, free from diseases, and absolutely true to name.

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We want our customers to be satisfied at all times. On normal losses on bare root stock, replacements are one-half price from containers or free during following bare root season. On container and balled stock we will make replacements at one-half the retail.

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We make free deliveries in our area every day except Thursday, Saturday and Sunday. **Minimum order \$3.00.**

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To Central Contra Costa County and adjacent points in Alameda County.

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We invite charge accounts. Purchases made during any month are due the 10th of the following month. Terms are net.

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AFRICAN VIOLETS

WE SPECIALIZE IN AFRICAN VIOLETS

Ask for price list and cultural folder

Our African Violets received the highest award at the California State Fairs in 1950, 1951 and 1953

The San Mateo Fiesta of 1951-1952-1953 and the Spring Garden Show of 1951-1952-1953

Visit our Greenhouses devoted exclusively to these loveliest of all house plants

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**ORNU
SPECIAL LAWN SEED MIXTURES**

We offer ORNU mixtures as tried and tested for our area. Over 6 million feet now growing successfully. You will find among these, one that is especially adapted to your particular need. Remember ORNU mixes are trade marked and can only be bought at our nursery. Remember, too, that the lawn seed is the least costly part of the lawn, so buy the best obtainable—buy ORNU. For best results, use ORNU Canadian Peat Moss when planting your new lawn. ORNU Peat is a finely ground peat especially desirable for covering lawn seed.

**ORNU SUPERIOR • ORNU SPECIAL PARK
ORNU REGULAR PARK**

Besides these mixtures, we have all the popular grasses available separately including Perennial Rye, Kentucky Blue, Red Top, Chewings Fescue, Merion Blue, Poa Trivialis, Astoria Bent and White Clover. Also such well known mixes as **Golf Brand and Golden Gate Park.**

Consult us regarding any of your lawn problems. Free information on lawn sprinkling systems.

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ORNU FRUIT TREES ARE GUARANTEED TO GROW — OR REPLACEMENT FREE!



Finlandia Variegated

CAMELLIAS ARE EASY TO GROW in a partially shaded location, an acid soil with good drainage to which generous quantities of leaf mold or peat have been added. They require generous amounts of water during the growing season but this should never become stagnant for lack of drainage. Withhold fertilizer during dormant season when the flowers appear. Hardy to 10 degrees. Ask for special camellia and azalea plant food.

SASANQUA CAMELLIAS
are available in several varieties



Donckelari

Glen 40



CAMELLIAS... Unsurpassed

FOR BEAUTIFUL SPRING FLOWERS AND
Gal. \$2.50 and up;

Many other varieties, including novelties, available at the Nursery
E—Early. M—Medium. L—Late.

Camellias are ornamental shrubs of exquisite beauty and highly prized for their flowers during the winter months. After blossoming the dark green glossy foliage and dense habit of growth make an attractive appearance in the garden.

ALBA PLENA. Finest of all white camellias. Fully double flowers often 6 inches across. Lovely and delicate. E.

BELLA ROMANA. Largest light pink double flowers profusely striped, splashed and penciled with crimson. One of the most popular variegated. M.

CHANDLERI ELEGANS VARIEGATED. Largest and most popular peony-flowered camellia. Soft rose with a center of tightly curled petals, often showing white markings. E-M.

COLONEL FIREY (C. M. Hovey). The finest of all red camellias. The flat flowers are a rich glowing crimson often 6 inches across. L.

C. M. WILSON. A perfect blush pink sport of Chandleri Elegans. New and outstanding. E to M.

COVINA. Compact and free-flowering variety. Flowers informal double rose-red, a non-fading bright color. Stands more sunlight than other varieties. Ideal for hedges. M.

DAIKAGURA. Earliest of the larger sorts to flower. Double with a center of small twisted petals, bright rose with white splashes. Fragrant. E-M.

DEBUTANTE. One of the finest varieties with beautiful fully double ball-shaped flowers in a delicate shade of pink. Ideal as a corsage flower. E-M.

DONCKELARI. Very bright, semi-double flowers of large size, showing golden stamens at the center. The heavy textured petals are rich red and with various white markings and marbling. Slow bushy growth. Excellent foliage. L.

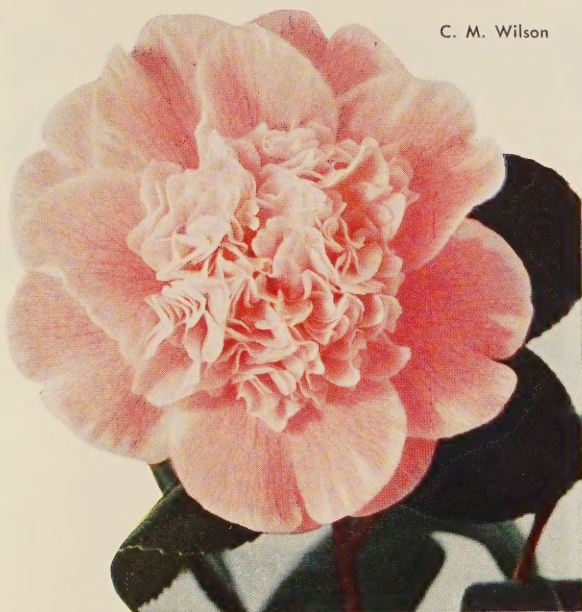
ELEANOR HAGOOD. Blush pink formal double of medium size that lightens with age in the center. Compact and upright. L.

ELENA NOBILE. Medium size double flame red flowers show a few stamens in the center. A free flowering late variety of exceptional merit. L.

EMPEROR OF RUSSIA. One of the more unusual red camellias. Large outer petals appear to enclose two or three smaller flowers, which really are the twisted and recurved smaller central petals. Bright scarlet. Dwarf habit. M.

ASK US FOR FREE CAMELLIA PLANTING GUIDE

C. M. Wilson



Emperor Wilhelm

for Beauty and Value

YEAR-AROUND GLOSSY GREEN FOLIAGE

5 Gal. \$6.00 and up

EMPEROR WILHELM (Gigantea). One of the finest peony-type camellias grown. Flowers larger than Chandleri with broad rounded outer petals and tight center of petaloids possessing a heavy wax-like texture and color a bright red variously marked and blotched with white. Rangy grower. M.

FIMBRIATA. White. A large formal double with fringed petals. Slow, bushy, spreading growth. E.

FINLANDIA (Dearest). Popular semi-double white of exceptional beauty. Porcelain texture of the petals is beautiful with yellow of stamens. E-M.

FINLANDIA VARIEGATED. Variegated form of above.

GLEN 40. This is the most talked of new red camellia. Flowers are large fully double with rounded overlapping petals. The bright red color is enhanced by salmon undertones. M-L.

GOVERNOR EARL WARREN. A 1950 introduction of great future. Large loose rose form double pink. Gold stamens. Good bloomer. Upright. M-L.

GRANDIFLORA ROSEA (Lady Clare). One of the finest semi-doubles. From salmon-rose to bright, deep pink. Very large, flat stamens in center. Vigorous, spreading, with large, shining, pointed dark green foliage. M.

HERME (Jordan's Pride). Delightfully fragrant flowers 5 to 6 inches across. Semi-double, petals large, broad, light pink with broad irregular border of white around each. M.

HIGH HAT. Large pale pink double flower with a center of small twisted petals. E-M.

JOSHUA E. YOUTZ (White Daikagura). A new free blooming frosty white sensation varying in form from large peony to rose form or formal double. Exceptionally free blooming. Bushy, spreading. E.

KUMASAKA. Large loose double rose-pink flowers with a pleasing fragrance. Center petals curled and twisted but showing the golden stamens. Many large flowers; good growth. M-L.

LALLAROOK (Laurel Leaf). Although named for the foliage which is large and laurel-like in character it has very lovely pink flowers, too. Flowers are over four inches across, fully double with imbricated petals, just the thing for a corsage. M-L.

MATHOTIANA (Julia Drayton). Huge flowers, often 7 inches across, are uniformly brilliant scarlet, beautifully veined. Double with high pointed center. Very fine. M-L.

NAGASAKI. Very large semi-double flowers, with prominent stamens and thick, wavy variegated petals, ranging from white to deep rose-pink. M.

PAX. White, large formal double of vigorous growth. M-L.

PINK BALL. Peony-form flowers are soft pink, pom-pom centered. M.

PINK PERFECTION. Fully double flowers of medium size, clear light pink petals neatly arranged. One of the most popular camellias. E-L.

POPE PIUS IX. Large double red flowers. Good growth, light colored foliage. One of the best in our list. M.

PROF. SARGENT. Unusual scarlet flowers. Full peony-type. Free flowering variety. Semi-dwarf. M.

PURITY. Symmetrical, double flowers of large size and snow-white purity. Often 6 inches across. Very popular white. L.

RETICULATA. Huge semi-double deep pink blooms with ruffled, irregular petals. A popular and new variety. L.

VILLE DE NANTES. Semi-double flowers with fimbriated petals, red with white variegation. Sometimes solid red. M.



Julia Drayton

OUR PEAT MOSS, LEAF MOLD, AND ACID PLANT FOOD MAKE CAMELLIAS EASY TO GROW



CALIFORNIA NATIVES



Good Drainage . . . and Little Water

Adapted as they are to the long, rainless California Summers, these native types require very little water after their first season's growth—an important consideration in hillside and mass planting. And likewise, they can be planted through the summer, when the rush of other garden work is past.

Arbutus menziesii (Madrone). The most beautiful evergreen native California small tree. Leaves very large and shining; bark pale green changing to red; flowers white, wax-like in drooping panicles; berries rich red. Of never-failing interest. Gal. \$1.50.

Arctostaphylos hookeri. A creeping variety of Manzanita which makes one of the most satisfactory ground covers. Grows only about a foot high and will make a spread of 5 or 6 feet. Gal. \$1.50.

Arctostaphylos uva ursi (Bear Berry). A variety of Manzanita which creeps flat on the ground, only grows a few inches high; the plants will take root as they spread, especially if planted in sandy soil one plant will cover quite an area. They have red stems and roundish bright green leaves, flowers are pale pink or white. Gal. \$1.50.

Azalea occidentalis. The fragrant Western Azalea. It varies in color from clear salmon pink to pure white. Needs ample water supply. May to June. Gal. \$2.50 up.

Carpenteria californica (Tree Anemone). One of our handsomest native evergreen shrubs; bright green foliage and large, white flowers with prominent yellow stamens; delightfully fragrant. Gal. \$1.50.

Ceanothus cyaneus. A beautiful, dark blue flowering native of San Diego County. A very handsome variety. Gal. \$1.50.

Ceanothus gloriosus. The finest creeping variety. Absolutely prostrate with lovely blue flowers and dark green foliage. Gal. \$1.50.

Ceanothus griseus horizontalis. Carmel Creeper. A low creeping variety about 1 to 2 feet tall and 3 to 6 feet across, splendid for training over rocks. Will stand wind near the coast, full sunlight or partial shade. When in bloom the leaves are barely visible in the mound of deep blue flowers. Gal. \$1.50.



Carpenteria

Ceanothus impressus (Santa Barbara Ceanothus). One of the finest. Low, spreading, usually 4 to 6 feet high and 6 to 10 feet broad. The foliage is rather small, dark green and rough, the flowers quite large and attractive deep blue. Gal. \$1.50.

Ceanothus, Mountain Haze. Dark green, year-around foliage right to the base of the plants, soft blue flowers in April and May. May be pruned or allowed to grow free to a 6-foot informal hedge. Gal. \$2.00.

Ceanothus, Sierra Blue. Vigorous, large, open shrub with dark green, glossy foliage and huge, lilac-like flowers of brightest blue in April-May. Grows to 6 to 12 feet, but may be held at any size by pruning. Evergreen, stands drought. Gal. \$2.00.

Ceanothus Julia Phelps. A new Ceanothus densely clothed with tiny, dark green, furrowed leaves. In mid-spring, its deep blue, inch-long flower clusters cover the plant in profusion. Gal. \$2.00.

Cercis occidentalis (Western Red Bud or Judas Tree). Outstanding deciduous shrub, covered in Spring with a profusion of rosy-pink flowers. Does well in most any situation. Gal. \$1.50.

Dendromecon harfordi (Tree Poppy). Large, spreading shrub, with large, gray-green foliage, in fine condition the year around. In the spring and early summer it puts on a magnificent display of big, golden-yellow, poppy-like flowers, 3 inches and more across. Plants reach 8 to 10 feet in height and grow easily in a sunny, dry location. Gal. \$2.00.

Fremontia Mexicana. Described on page 11. **Mahonia aquifolium (Oregon Grape).** Beautiful, low-growing evergreen shrub; dark green leaves, tinted red in Winter. Flowers bright yellow, deep blue berries. Gal. \$1.50.

Mahonia pinnata (California Grape). This is without exception, the finest low-growing native decorative shrub. Leaves hollylike. Flowers bright yellow, in long racemes; fruit blue-black. Gal. \$1.50.

Photinia arbutifolia (Toyon-Christmas Berry). Most attractive and popular red-berried shrub, with profusion of white flowers. Gal. \$1.75. See also Photinia on page 13.

Platanus racemosa (California Sycamore). Very attractive, large, deciduous tree with mottled bark. Foliage large and maple-like. Commonly seen along our streams and river banks. 5 gal. \$4.50.

Prunus ilicifolia (Evergreen Wild Cherry). Small tree or shrub. Leaves dark green, holly-like. Flowers white, upright, fragrant; fruit purple. Makes splendid hedge. Gal. \$1.25.

Prunus lyoni (integrifolia) (Catalina Island Cherry). Similar to the above except foliage is larger, lighter green, less spiny. One of our most beautiful evergreen trees. Also makes a good hedge. Gal. \$1.25.

Quercus agrifolia (California Live Oak). A splendid picturesque native tree, confined principally to the coastal region. With a little care and water soon develops into a large

tree. Should be used more in avenue or driveway plantings. 5 Gal. \$5.00 up.

Rhamnus californica (Coffee Berry). Large, spreading shrub with long, dark green, glossy leaves. It is a very hardy shrub, doing well in either sun or shade, and will grow in very dry situations. Has white flowers, followed by many dark purple berries. Gal. \$1.50.

Rhus integrifolia (Sumac). A large growing shrub with white-pinkish flowers; fruit dark red. Gal. \$1.50.

Rhus ovata (Sumac). Shrub to 10 feet. Light yellow flowers in dense spikes. Fruit dark red and sweet. Gal. \$1.50.

Ribes sanguineum (Red Flowering Currant). Handsome, deciduous shrub, foliage round and five-lobed; bark brownish and shreddy; flowers deep pink with spicy fragrance. Very satisfactory. Gal. \$1.50.

Ribes viburnifolium. Evergreen shrub growing to 8 feet in height, carrying erect clusters of rose-pink flowers, and red berries in fall. Not thorny. Gal. \$1.50.

Romneya coulteri (Matilija Poppy). One of California's most glorious flowering shrubs, growing well in dry places. Flowers of immense size, single, white, with prominent golden stamens. Very popular. Gal. \$1.50.

Erigonum arborescens (Wild Buckwheat). Grows about 2 feet high and 4 feet broad, covered in summer and fall with light pink flowers. Will grow in the hottest and driest locations. Gal. \$1.50.

Garrya elliptica (Tassel Silk Bush). A very attractive hardy evergreen shrub, dense and bushy, usually 5 to 8 feet high. The flowers, long, pendulous catkins, are a foot long and very attractive. Gal. \$1.50.

Myrtica californica (Wax Myrtle). One of the prettiest native small trees. Leaves dark and lustrous, flowers small, berries globose, thickly covered with wax. Rare. Gal. \$2.00.



Romneya Coulteri

WHAT AND WHERE TO PLANT

SHRUBS—VINES—CONIFERS—GROUND COVERS

To help you in selecting the proper shrubs and vines for your new home, or for replacing existing plantings that have outgrown their usefulness, we have compiled the following list of plant material. If you find varieties listed with which you are not familiar, we suggest you read their descriptions carefully (refer to index for page on which they will be found).

Practically all plants listed for sun will prove satisfactory if given half a day of sun and material for shade will generally tolerate morning and late afternoon sun.

Heights as indicated are necessarily approximate. See description. Some varieties suitable for both sun and shade, as noted.

The numbers following the varieties are page references to listings in this catalog.

PLANT FOR SUN

TALL

Arbutus, 8
Cotoneaster, 10
Crape Myrtle, 17
Escallonia, 11
Feijoa, 11
Fremontia, 11
Hibiscus, 11
Leptospermum, 12
Ligustrum japonicum, 13-30
Oleander, 13
Philadelphus, 18
Photinia, 14
Pittosporum, 14
Prunus lyoni, 6
Prunus ilicifolia, 6
Pyracantha, 14
Spiraea, 18
Viburnum tinus, 15

MEDIUM

Abelia, 8
Arborvitae, 35
Ceanothus cyaneus, 6
Cistus purpureus, 10
Choisya, 9
Euonymus, 11
Ligustrum, 13-30
Lilac, 17
Mahonia, 6
Meyer Lemon, 13
Nandina, 13
Plumbago, 14
Pyracantha, 14
Viburnum burkwoodi, 15

LOW

Berberis, 9, 18
Buxus, 9
Ceanothus, 6
Cistus corbariensis, 10
Cotoneaster, 10
Lantana, 12
Juniper, 35
Myrtus communis compacta, 12
Raphiolepis, 14
Star Jasmine, 33
Veronica buxifolia, 15

FRUITING ORNAMENTALS

Arbutus, 8
Aucuba, 8
Cotoneaster, 10
Ilex, 12
Kumquat, 45
Meyer Lemon, 13, 45
Nandina, 13
Oregon Grape (Mahonia), 6
Photinia, 14
Pyracantha, 14
Raphiolepis, 14

WIND RESISTING PLANTS

Tall, Sun	Medium, Sun
Cotoneaster, 10	Abelia, 8
Escallonia, 11	Ceanothus, 6
Leptospermum, 12	Cistus, 10
Pittosporum, 13	Euonymus, 11
	Ligustrum, 13

Low, Sun

Berberis, 9, 16	Cotoneaster, 10
Ceanothus, 6	Myrtus, 13
Cistus, 10	Veronica, 15

As far as "time to plant in California" is concerned—anytime is the best answer.

MOST ITEMS AVAILABLE IN CONTAINERS FOR PLANTING THE YEAR AROUND

PLANTS FOR SHADY PLACES

TALL

Arbutus unedo, 8
Camellias, 4-5-48
Dogwood, 28
English Laurel, 14
Ilex, 12
Osmanthus, 13
Prunus lyoni, 6
Viburnum japonicum, 15
Viburnum suspensum, 15

MEDIUM

Abelia, 8
Azalea, Kurume, 9
Aralia, sieboldi, 8
Aucuba, 8
Brunfelsia, 9
Choisya, 9
Correa, 10
Daphne, 10
Escallonia, 11
Hydrangea, 17
Ligustrum japonicum, 13-30
Mahonia, 6
Osmanthus fragrans, 13
Pittosporum, 13
Rhododendron, 14
Snowball, 18

LOW

Azalea indica, 9
Buxus, 9
Fuchsia, 11
Heather, dwarf, 10
Hypericum, dwarf, 11
Myrsine, 12
Sarcococca ruscifolia, 16
Star Jasmine, 33

FRAGRANT PLANTS

Citrus, 13
Osmanthus, 13
Daphne, 10
Escallonia, 11
Gardenia, 11
Viburnum, 15
Honeysuckle, 33
Magnolia stellata, 18
Philadelphus, 18
Rose, 20-26
Lilac, 17
Viburnum carlesii, 15
Star Jasmine, 33

FLOWERING SHRUBS

SPRING

Azalea, 9, 16
Dogwood, 28
Forsythia, 17
Lilac, 17
Magnolia, 19-30
Osmanthus, 13
Philadelphus, 18
Prunus, 14
Quince, 16
Spiraea, 18
Syringa, 18
Viburnum, 15
Weigela, 18

SUMMER

Abelia, 8
Crape Myrtle, 17
Escallonia, 11
Gardenia, 11
Hibiscus, 12
Hydrangea, 17
Lantana, 12
Oleander, 13
Plumbago, 14
Polygala, 14
Pomegranate, 18
Rose, 20-26
Star Jasmine, 33
Spiraea, 18

WINTER

Camellia, 4-5-48
Osmanthus, 13
Viburnum tinus, 15
Azalea, 9-16
Daphne, 10
Heather, 10

DROUGHT RESISTANT PLANTS

Arbutus, 8
Acacia, 30
Ceanothus, 6
Cistus, 10
Myrtus, 12
Oleander, 13
Fremontia, 11
Lavendula, 19
Leptospermum, 12
Pittosporum, 13

INFORMAL (UNTRIMMED) HEDGES

LOW OR DWARF

Shade Tolerant

Azalea, 9, 16
Diosma, 10
Gardenia veitchii, 11
Hypericum moserianum, 11
Myrsine africana, 13
Osmanthus, 13
Sarcococca, 15
Veronica, 15

Sun Tolerant

Berberis, 9, 16
Cotoneaster glaucophylla, 10
Floribunda roses, 22-23
Lantana, 12
Leptospermum (dwarf), 12
Myrtus compacta, 13
Pinus mugho mughus, 35
Punica granatum nana, 18
Raphiolepis, 14
Thuja ellwangeriana, 35

MEDIUM TO TALL

Shade Tolerant

Abelia, 8
Aucuba, 8
Camellia, 4-5-48
Escallonia, 11
Gardenia Mystery, 11
Hydrangea, 17
Ilex cornuta, 12
Ligustrum texanum, 13-30
Mahonia aquifolium, 6
Nandina, 13
Osmanthus, 13
Prunus laurocerasus, 14
Prunus lusitanica, 14
Snowball, 18
Taxus baccata, 29
Viburnum suspensum, 15

Sun Tolerant

Abelia, 8
Arbutus unedo, 8
Cotoneaster, 10
Cupressus arizonica, 34
Erica, 10
Escallonia, 11
Euonymus, 11
Flowering Quince, 16
Ilex cornuta, 12
Leptospermum, 12
Ligustrum japonicum, 13
Meyer Lemon, 13
Myrtus compactus, 13
Nandina, 13
Oleander, 13
Pittosporum tobira, 13
Pomegranate, 18
Prunus ilicifolia, 6
Pyracantha, 14
Spiraea, 18
Viburnum tinus, 15

FORMAL TRIMMED HEDGES

LOW OR DWARF

Shade Tolerant

Buxus suffruticosa, 9
Myrsine africana, 13
Sarcococca ruscifolia, 15
Veronica buxifolia, 15

Sun Tolerant

Buxus japonica, 9
Euonymus microphyllus, 11
Myrtus compacta, 13

MEDIUM HEIGHT

Shade Tolerant

Myrtus species, 13
Viburnum species, 15
Taxus baccata, 35

Sun Tolerant

Cotoneaster parneyi, 10
Crataegus cordata, 28
Euonymus japonicus, 11
Leptospermum reevesii, 12
Ligustrum species, 13
Myrtus species, 13
Pyracantha species, 14
Viburnum tinus, 15

SHRUBS FOR GROUPING FOR INFORMAL MASS PLANTING

SHADE TOLERANT

Abelia Edward Goucher, 8
Azalea (Kurume), 9
Camellias, 4-5-48
Hydrangea, 17
Hypericum moserianum, 12
Osmanthus, 13
Raphiolepis, 14
Sarcococca, 15
Snowball, 18

SUN TOLERANT

Cotoneaster horizontalis, 10
Cotoneaster parneyi, 10
Flowering Quince, 16
Lantana, 12
Pinus Mugho Mughus, 35
Pittosporum tobira, 13
Prostrate Juniperus, 35
Pyracantha species, 15
Spiraea, 18
Thuja, 35
Viburnum tinus, 15
Weigela, 18

GROUND COVERS

All on Page 19

Ajuga reptans
Dichondra repens
English Ivy
Gazania
Helxine, Baby's Tears
Hypericum moserianum
Ivy Geranium
Mesembryanthemum (Ice Plant)
Ornamental Strawberry
Prostrate Cotoneasters
Prostrate Junipers
Star Jasmine
Trailing Lantana

TALL SHRUBS FOR SCREENS OR BACKGROUNDS

Arbutus unedo, 8
Camphor, 30
Cotoneaster pannosa, 10
Cupressus arizonica, 34
Escallonia, 11
Leptospermum laevigatum, 12
Ligustrum japonicum, 13
Loquat, 30
Oleander, 13
Pittosporum tobira, 13
Prunus lyoni, 6
Pyracantha species, 14
Viburnum species, 15

TALL INFORMAL CLUMPS WITH PICTUREQUE BRANCHING

Arbutus unedo, 8
Birch, 29
Camphor, 30
Crape Myrtle, 17
Dogwood, 28
Ligustrum japonicum, 13
Lilac, 17
Loquat, 30
Magnolia (deciduous), 30
Oak, 29
Pomegranate, 18
Pyracantha, 14

VINES

Bignonia, 32
Bougainvillea, 32
Boston Ivy, 32
Clematis, 32
Climbing Fig, 32
Climbing Roses, 23
Hedera, 33
Jasminum, 33
Lonicera, 33
Silverlace, 33
Star Jasmine, 33
Virginia Creeper, 32
Wisteria, 33

PLANTING DISTANCES

Variety	Ft. Apart
Oranges, Lemons	18 to 25
Avocados	25 to 35
Pears, Apples, Figs	20 to 25
Walnuts and Pecans	40 to 60
Olives	30 to 35
Jujubes, Low-Pruned Figs	12 to 16
Grape Vines	6 to 8
Blackberries, Boysenberries	6 to 8
Raspberries	3 by 5
Strawberries	1 1/2 by 3
Eucalyptus for Windbreak	4 to 8

NUMBER PLANTS PER ACRE

Distance Apart	No. Plants	Distance Apart	No. Plants
6 x 6	1210	16 x 16	170
6 x 8	907	19 x 18	134
6 x 10	726	20 x 20	109
6 x 12	605	20 x 24	90
7 x 12	520	22 x 22	90
8 x 8	608	24 x 24	75
8 x 10	544	25 x 25	69
8 x 12	454	30 x 30	48
10 x 10	435	35 x 35	35
10 x 12	363	40 x 40	27
		50 x 50	18

California-Grown **BROADLEAF**

AUCUBA

AUCUBA JAPONICA VARIEGATA (Gold Dust Plant). Slow growing plant for shaded places or tubs. The large glossy pointed leaves are spotted or speckled with gold. Bright red berries in fall, provided pollinizer is planted nearby. Give plenty of water. Grows in the deepest shade where other plants fail. Hardy. Gal. \$1.50; 5 gal. \$4.50 up.

AUCUBA JAPONICA, GREEN. Like above, but the leaves are entirely green. Brilliant red berries in fall. Require shade and a pollinizer. Gal. \$1.50; 5 gal. \$4.50 up.

AUCUBA JAPONICA, MALE. Light green foliage, handsomely spotted with yellow. If planted near *Aucuba japonica nana* the latter variety will bear big, shining red berries. Shade. Hardy. 4-6 ft. Gal. \$1.50; 5 gal. \$4.50.

Other Aucubas Available

AZALEAS

For sheer beauty the masses of flowers produced by Kurume Azaleas in late winter and spring with the end of the Camellia season, have no equal. Quite often rains will threaten the bloom but they are a hardy lot and soon recover, showing no damage. They are essentially lovers of an acid soil which should possess an excellent drainage and quantities of peat. Pure peat, if the beds are large enough, would be best. Keep lime in any form away from them, even acid fertilizers should be used that are especially prepared for Azaleas. Light shade and plenty of water at all times.

INDICA AZALEAS

These are by far the choicest of the Azalea family with closely formed bushy growth; neat dark green leaves and a gorgeous display of large flowers, mostly double but of delicate pleasing quality, often blended with other colors, plain or ruffled. Not as hardy as Kurumes in some localities. Good in tubs, as patio plants. Potted \$1.50 and up.

ALBERT AND ELIZABETH. Double, white with pale pink margins.

BLUSHING BRIDE. Big double soft pink bloom from February until May. Compact growth.

ERIE. Double, variegated light pink, darker toward the center.

FRED SANDERS. Large double rose-red blooms for months. Compact.

NIobe. Pure white.

ORCHIDFLORA. Huge, double fuchsia-pink. February and March.

PAUL SCHAME. Double. Lustrous coral salmon. Most popular.

PINK PEARL. One of the most popular. Large delicate pink flowers, daintily doubled and spotted.

VERVAENEANA. Double. Rose Bengal with deep spots. Choice.

VERVAENEANA ALBA. Large pure white. Blooms for months.

MME. CHARLES VUYLSTEKE. Brightest of all reds.

WILLIAM VAN ORANGE. Big single frilled orange blooms. Early.

Other Varieties Available Including Southern Indicas



Azalea Indica, Albert and Elizabeth

The largest number of ornamental plants available to gardeners in California are Evergreen Flowering Shrubs. This group includes subjects for every possible position; sun or shade, wet soils and dry. The coastal areas, inland valleys and lower mountains can all use them. Many have showy flowers, some useful for cutting, while some are only grown for their foliage. Many, like *Pyracantha*, *Barberry*, *Arbutus*, etc., make a show in fruits later in the season. Following descriptions we give the approximate temperature at which the plant is hardy. Use this as a guide only to choose plants for the location to be planted.

Items in this section vary in price from \$1.25 and up, depending on the variety and size selected. Larger sizes are priced from \$3.50 up.

ABELIA

GLOSSY ABELIA, ABELIA GRANDIFLORA. Graceful evergreen shrub with arching branches, bronzy foliage and dainty fragrant white bells in spring and early summer. Sun or light shade. Very hardy. Gal. \$1.25; 5 gal. \$4.00.

ABELIA EDW. GOUCHER. Pinkish lavender bells in summer. One of the best of the newer shrubs. Excellent foliage, compact habit of growth. Hardy. Gal. \$1.25; 5 gal. \$4.00.

ANDROMEDA

ANDROMEDA JAPONICA (Pieris). Lily of the Valley Bush. Low evergreen bush of 4 feet with wavy green foliage always neat and compact. Clusters of lily of the valley-like blossoms in early spring. Gal. \$1.75; 5 gal. \$5.00.

ARALIA

ARALIA PAPYRIFERA (Rice Paper Plant). So called because in the Orient this native shrub of Formosa is being used for the making of rice paper. The lobed ovate leaves are a foot or more wide, heart shaped at base and whitish-woolly underneath. Flowers white and in round clusters. Likes sun. Also splendid for pot culture. Gal. \$1.50; 5 gal. \$4.75.

ARALIA SIEBOLDI (Fatsia japonica). Wonderful shrub for tropical effects. Bold glossy foliage. Makes an excellent tub plant. Hardy. Plant in partial shade. Gal. \$1.25; 5 gal. \$4.00 up.

STRAWBERRY TREE

ARBUTUS UNEDO. One of the finest medium-growing shrubs on the list. Deep green foliage and brilliant red strawberry-like fruits ripening about Christmas time. Illustrated on page 10. Very hardy. Gal. \$1.50; 5 gal. \$4.75.



Azalea Indica, Coral Bells

EVERGREEN FLOWERING SHRUBS

KURUME AZALEAS

The flowers on Kurume Azaleas are not as large as Indica Azaleas but are more profuse. They are frequently planted outdoors for large masses of color. Kurume Azaleas stand more cold than Indica Azaleas, are hardiest for general garden use.

\$1.50 and up

CORAL BELLS. Deep pink blooms through March.

HEXE. Deep red flowers, larger than most Kurumes, through February, March and April.

HINODEGIRI. Most showy of Kurume Azaleas; in April it is covered completely with bright red flowers.

SNOWDRIFT. Masses of semi-double flowers, pure glistening white.

SWEETHEART SUPREME. A double blush-pink resembling the sweetheart rose. Blooms January through March.

WARD'S RUBY. New; without question the finest of all red azaleas; a gorgeous and brilliant mass of ruby red flowers.

AZARA

AZARA MICROPHYLLA (Box Leaf Azara). Erect growing shrub with tiny box-like, toothed, dark green leaves. Glossy and attractive in this diminutive size. Flowers tiny. Recommended for planting against walls or espaliered for lace-like tracery of foliage and stems. Gal. \$1.50; 5 gal. \$4.75.

BARBERRY

BERBERIS DARWINI. Small shrub with slender branches. Small glossy leaves in summer, bright red in winter. Orange colored flowers in February and March. Berries blue. Gal. \$1.50; 5 gal. \$4.50.

BOUVARDIAS

BOUVARDIA ALBATROSS. Handsome low growing shrub with spreading slender branches of green foliage. Fragrant waxy white flowers, have exceptionally long tubes and four flaring petals. Last well when cut. Trim back to encourage new growth and flowers. Sun or part shade. 27". Gal. \$1.50 and up.

Varieties with Pink and Coral Flowers Available



Gardenia, Mystery (See Page 11)

YESTERDAY AND TODAY

BRUNFELSIA FLORIBUNDA (Yesterday and Today). Bushy, well rounded shrub with lustrous green foliage and flowers throughout the year. Flowers open blue violet fading through lilac to almost pure white. Fragrant, they last well when cut. Sun or partial shade. 20". Gal. \$1.50 and up.

BOXWOODS

Available in Flats for Hedge Planting

BUXUS JAPONICA (Japanese Box). Best taller growing Box for California. Rounded, glossy green leaves and lush dense growth. Always neat and attractive. Trimmed specimens available. Sun or shade. Hardy. Gal. \$1.25. Flat of approx. 100, \$8.50.

BUXUS SEMPERVIRENS (English Boxwood). This is a handsome shrub of dense, compact growth. The leaves are quite small and dark green. It is an ideal hedge plant. Makes lovely border for paths, drives, and flower beds. Gal. \$1.25. Flat of approx. 100, \$10.00.

BUXUS SEMPERVIRENS SUFFRUTICOSA (Dwarf Boxwood). A very popular dense foliaged plant, leaves small and deep green. Gal. \$1.50. Flat of approx. 100, \$12.50.

BOTTLEBRUSH

CALLISTEMON LANCEOLATUS (Lemon Bottle Brush). Growth erect and compact. Flowers bright red. Gal. \$1.50; 5 gal. \$4.75.

CALLISTEMON VIMINALIS. Beautiful large weeping shrub with brilliant red brushes on drooping branches. An excellent shrub for specimen. Hardy to 20". Gal. \$1.50; 5 gal. \$4.75.

CALIFORNIA LILACS (Ceanothus). See Natives, page 6.



Callistemon Viminalis

CAMELLIAS

Illustrated and Described on Pages 4 and 5

MEXICAN ORANGE

CHOISYA TERNATA. Bright green neat foliage; a neat rounded shrub of good proportions, easy to grow in sun or shade. Clusters of fragrant white flowers in spring. Gal. \$1.50. Larger plants, \$4.50 up.



Daphne Odora Marginata

ROCK ROSES

Hardy shrubs. All require sun and good drainage.

CISTUS CORBARIENSIS. Low spreading shrub with attractive sage green leaves and pure white flowers, averaging 2 inches across. Wonderful to cover slopes in sunny places. Gal. \$1.25; 5 gal. \$3.75.

CISTUS LADANIFERUS MACULATUS. Long, deep green, narrow leaves with the appearance of recent varnishing. Large crepy white flowers with showy maroon spots at the base of petals. Sun. Gal. \$1.25; 5 gal. \$3.75.

CISTUS PURPUREUS. One of the finest Rock Roses. Beautiful crepy pink flowers with maroon blotches at the base of petals. Sun. Gal. \$1.25; 5 gal. \$3.75.

AUSTRALIAN FUCHSIA

CORREA PULCHELLA. A good 2-foot shrub with spreading bushy habit, deep olive green foliage and graceful display of dainty pink bell-shaped flowers in winter and spring. Recommended as a foundation planting shrub. Shade. Gal. \$1.50; 5 gal. \$4.50.

COTONEASTER

Very useful group of shrubs with white flowers and pretty red berries that lend an attractive color note to the garden. Many have distinctive growing habits which blend nicely to rockeries, bank plantings, or in front of other shrub plants, but especially among rocks. The taller varieties make good all-around ornamental shrubs. All are useful, hardy shrubs.

COTONEASTER CONSPICUA DECORA. Popularly known as Neck-lace Cotoneaster, this shrub has tiny, evergreen foliage with a profusion of orange-red berries strung along the branches like a necklace. Gal. \$1.25; 5 gal. \$4.00.

COTONEASTER HORIZONTALIS (Rock Cotoneaster). Flat spreading shrub with tiny glossy green leaves and bright red berries. Partly deciduous it assumes brilliant colors in cold winters. Gal. \$1.25; 5 gal. \$4.00.

COTONEASTER MICROPHYLLA (Rock Spray). Low evergreen shrub with dense branchlets clothed with tiny green leaves. Large, rosy-red berries in fall and winter. Gal. \$1.75; 5 gal. \$4.00.

COTONEASTER PARNEYI (lactea) (Red Clusterberry). Very showy variety with handsome berries, largest of all, in immense clusters. Large glossy leaves. Gal. \$1.25; 5 gal. \$4.00.

Other Varieties Available at Our Nursery

LOOKING GLASS PLANT

COPROSMA BAURI. Unique round highly polished dark green leaves cover this medium-size shrub. Useful in foundation planting. Not much for flowers but the little orange berries are attractive. Does better in sea-coast districts. Hardy to 27°. Gal. \$1.25; 5 gal. \$3.75.

FRAGRANT DAPHNE

DAPHNE ALBA. Clear white flowers. Substantial, glossy green foliage. Gal. \$1.75; larger, \$4.00 up.

DAPHNE ODORA MARGINATA. Dense low shrub with rich green, cream-margined leaves and clusters of exquisitely fragrant waxy white or pink flowers from January to March. Good drainage is necessary. Sun or partial shade. Very hardy. Gal. \$1.75; larger, \$4.00 up.

BREATH OF HEAVEN

DIOSMA PULCHRUM. Dwarf compact bushy shrub with fine foliage like Heather covered with masses of tiny pink flowers during spring and summer. Sun. Very showy and graceful. Hardy to 20°. Gal. \$1.25; 5 gal. \$4.00.

DIOSMA REEVESI. Same as the pink but with white flowers. Excellent shrubs to lighten the effect of heavy foliage masses in the shrub plantings, especially in foundations. Hardy to 25°. Gal. \$1.25; 5 gal. \$4.00.

HEATHERS

Lovely fine foliated shrubs with showy masses of brilliant flowers. We list two types, one with tubular flowers (South African) and the other with small globular flowers (southern European). Both do well in sun but require a soil of pure peat with a little sand for drainage. Keep lime away from them and acidify the soil once a year with soil sulphur. All hardy to 20°.

ERICA DARLEYENSIS (Mediterranean Hybrid). Bright red flowers in spring on 2-ft. high bush. Free blooming, very showy. Gal. \$1.50.

ERICA MELANTHERA ROSEA. Flowers of deep pink. A tall growing shrub with masses of fine textured, plummy leaves and clouds of pink flowers. Winter blooming. Gal. \$1.50; 5 gal. \$4.50.

ERICA MELANTHERA RUBRA. Darker blossoms and lower growing than the Rosea. Blooms in the autumn. Gal. \$1.50; 5 gal. \$4.50.

Other Varieties Available at Our Nursery



Arbutus and Escallonia Planting

SILVERBERRY

ELAEAGNUS PUNGENS. A large spreading shrub that has its stems and leaves covered with frosty shiny scales. The large silver-bronze berries also have a frost-like tint. Gal. \$1.50 and up.

ELAEAGNUS PUNGENS MACULATA. Foliage beautifully marked with yellow. Very fine. Low-spreading. Gal. \$1.75; 5 gal. \$5.00.

EUGENIA

EUGENIA MYRTIFOLIA. Attractive the year around and one of the most useful ornamental shrubs. Makes a beautiful accent specimen with light trimming and an excellent screening or hedge subject for heights ranging from 6 to 12 feet. New foliage bronzy, flowers creamy-white, berries lavender-purple. Gal. \$1.25; 5 gal. \$3.75.

EUGENIA SMITHI. Mauve-berried type growing to small tree height with panicles of small white blossoms in spring. Gal. \$1.25; 5 gal. \$3.75.

ESCALLONIAS

Excellent evergreen shrubs of neat growth and good dark green foliage. Some have showy flowers in large clusters. For open situations. Escallonias do especially well along the coast. Hardy.

ESCALLONIA MONTEVIDENSIS. Medium to large shrub with light green foliage and masses of single white flowers in showy heads in summer. Gal. \$1.25; 5 gal. \$4.00.

ESCALLONIA ORGANENSIS. One of the finest Escallonias recently introduced and one of the best flowering shrubs. Luxuriant glossy green leaves of medium size showing bronzy red tints. Flowers pink to white, like small apple-blossoms in large clusters. Gal. \$1.25; 5 gal. \$4.00.

ESCALLONIA RUBRA. Low compact shrub; one of the best of the group; shining leaves and showy rich red flowers. Likes a shady location. Gal. \$1.25; 5 gal. \$4.00.

Other Escallonias Available

EUONYMUS

A very popular evergreen foliage shrub with glossy leaves. It is well suited for planting in the drier sections in full sun as a foundation or specimen plant, or as clipped specimens. Makes an excellent hedge.

Gal. Cans \$1.25 up; 5 gal. \$4.00 up, each variety.

EUONYMUS JAPONICUS (Evergreen). Has excellent all-green shining leaves.

EUONYMUS ARGENTEO-MARGINATUS (Silver Queen). A green variety with silver-white fringe.

EUONYMUS AUREO-MARGINATUS (Golden). A green variety with yellow edges.

EUONYMUS AUREO-VARIEGATUS (Gold Spot). A striking variegated variety with green edges and a yellow center.

EUONYMUS MICROPHYLLUS (Boxleaf). A very compact variety with tiny green leaves. An excellent hedge.

PINEAPPLE GUAVA

✓ **FEIJOA SELLOWIANA (Pineapple Guava).** Not nearly enough grown as an ornamental, this gray foliaged shrub glorifies the garden in spring with its waxy white flowers with plumes of bright red stamens in the centers. Fruits green, oval in shape and strongly scented of Pineapple. Very hardy. Gal. \$1.50; 5 gal. \$4.75.

FREMONTIA

FREMONTIA MEXICANA. One of our finest native shrubs. Deeply cut wooly leaves and yellow-orange cup-shaped flowers in early spring are a glorious combination. Full sun and dry porous soil make it useful for semi-wild plantings in dry places. Hardy. Gal. \$2.00.

FUCHSIAS

The highly colored yet delicate flowers of Fuchsias are so varied and beautiful that they are highly prized all over the country. Give them a rich soil with plenty of leaf mold or humus and keep moist but not wet. They are best along the coast but do well inland with frequent spraying during hot spells. Subject to frost.

See complete selection at nursery. Prices according to size and variety. Available in hanging and upright varieties.

GARDENIAS

Glossy leaved shrubs famous for their waxy white flowers. Delightfully perfumed and much used for corsages and when cut simply to perfume the house. They are easy to grow in sun or partial shade when planted in a soil composed of leaf-mold, peat and sand. Drainage should be the best. Don't cultivate around the roots, instead spread a mulch of leaf-mold to keep the soil moist at all times. Hardy to 18 or 20°. Feed regularly with blood meal.

GARDENIA GRANDIFLORA (Mystery). Improved form with large double flowers. Profuse during summer, off and on throughout the year. Gal. \$1.50; 5 gal. \$4.50 up.

GARDENIA VEITCHI. While this variety has smaller blooms than Mystery, it blooms more profusely and over a longer period of time. Gal. \$1.50; 5 gal. \$4.50 up.

GREVILLEA

GREVILLEA ROSMARINIFOLIA. Bushy shrub of medium size with feathery finely cut leaves. Its reddish flowers are borne in short, densely bunched clusters in winter and early spring. Gal. \$1.50; 5 gal. \$4.50

GRISELINIA

GRISELINIA LITTORALIS. Striking evergreen shrub, a native of New Zealand. Oblong 7-inch leaves of leathery, Aucuba-like texture. Gal. \$1.50; 5 gal. \$4.75. Plants with variegated leaves available also.

GUAVAS

for Jelly and Ornament

Attractive shrubs for ornamental purposes, requiring nothing more than frost-free areas to grow. Excellent when used as hedges where their close growth, fine foliage and colorful fruits vie with each other. Use the fruits for jellies and preserves.

✓ **RED STRAWBERRY GUAVA (Psidium cattleianum).** Large deep red fruits of fine flavor. 24°. Gal. \$1.25; 5 gal. \$4.75.

See also Pineapple Guava (Feijoa)

HEBE (See Veronica, Page 15)

COLORFUL HIBISCUS

A popular California flowering shrub, Hibiscus are somewhat tender in this locality and, while they may over-winter, they should be planted as an annual for masses of summer color.

AGNES GAULT. The most popular large flowered single pink. Flowers often measure 6 or 7 inches across. Gal. \$1.50 up.

CROWN OF BOHEMIA. Choice yellow double with rich autumn tones of orange and bronze. Very popular. Gal. \$1.75 up.

KONA (Double Agnes Gault). Fully double, large attractive flowers in the same beautiful pink of the single tree. Gal. \$1.50 up.

PARADISE MOON. Bright yellow single flowers with snow-white center. Gal. \$1.75 up.

RED MONARCH. Finest of all double Hibiscus with deep dark red fully double flowers of good size. Gal. \$1.75 up.

SAN DIEGO RED (Scarlet Single). Popular clear red single. Gal. \$1.50 up.

Other Varieties Available

GOLD FLOWER (Hypericum)

HYPERICUM CALYGINUM. A low growing, bushy plant, bearing large, yellow flowers from May through October. Valuable as a ground cover. Gal. \$1.25; flats of 100 \$12.50.

HYPERICUM MOSERIANUM. Low growing shrub sometimes three feet high and as much across, with good dense habit, dark green leaves and yellow flowers. Often used as ground cover. Very hardy. Gal. \$1.25.

HYPERICUM PATULUM HENRYI. Continuous yellow bloom, bronzy tipped branches, evergreen characteristics and hardiness. Sun or shade. 2-3 feet. Gal. \$1.25; 5 gal. \$4.00.



Hibiscus, Red Monarch



New Raphiolepis—Indica Rubra (See Page 14)



Burford Holly

HOLLY

ILEX AQUIFOLIUM (English Holly). One of the finest hollies to plant for Christmas decoration, with its spiny leaves, bright glossy dark green, and bright red berries on the female plants. Porous soil, preferably partly shaded. Hardy. Gal. \$2.00; large balled sizes \$7.50 up.

ILEX CORNUTA BURFORDI. This holly is adapted to California climate. Has dark green foliage although almost without spines and clusters of bright red berries in winter. Excellent for Christmas berries. Very hardy. Gal. \$1.75; larger plants \$5.00 up.

LANTANAS

All Lantanas, except Goldrush, Gal. \$1.25

LANTANA CAMARA. The uses to which it may be put in the landscape scheme are simply astounding—to cover banks, trained against walls as a vine, as a ground cover, in pots, and even as a specimen shrub. It glorifies the space it occupies with brilliantly colored flowers that change shades as they mature but never become unsightly. Full sun, little care will make them at home. Hardy to 25°.

Dwarf Varieties. Yellow, white, Radiation (orange-red), pink.

Tall varieties. Orange, white, and pink.

LANTANA GOLDRUSH (P.A.F.). New! Sensational! Grows quickly, requiring very little care. Profuse clusters of fragrant golden-yellow blooms against deep forest-green foliage. Especially popular for its trailing habit. Gal. \$1.50.

LANTANA SELLOWIANA (Trailing Lantana). Mauve flowers cover this foot high trailer most of the summer. Freezes out in places but generally comes back. Gal. \$1.25.

TEA TREE

LEPTOSPERMUM LAEVIGATUM (Australian Tea Tree). Graceful shrub with long curving branches, fine greyish-green leaves, and small white flowers in spring. Dry soils with good drainage and sun. Makes an excellent windbreak. Hardy. Gal. \$1.25; 5 gal. \$4.00.

LEPTOSPERMUM REEVESII (L. laevigatum compactum). A compact growing shrub with slightly greener foliage. White flowers. Hardy. Gal. \$1.25; 5 gal. \$4.00.

LEPTOSPERMUM RUBY GLOW. One of the showiest new shrubs with very double, bright oxblood-red flowers which last remarkably long after cutting. Richly colored, glossy foliage. Prefers warm, well-drained location. Gal. \$1.50; 5 gal. \$4.50.

LEPTOSPERMUM SCOPARIUM FLORE PLENO (Double Tea Tree). Erect branches, finely cut foliage and double bright rose-pink flowers often $\frac{3}{4}$ inch across, make a very showy shrub in spring. Hardy. Gal. \$1.50; 5 gal. \$4.50.

DWARF ORNAMENTAL CITRUS

MEYER LEMON. One of the best plants to serve both as an ornamental shrub and as a source of fine lemons for culinary use. Dwarf in habit, it is constantly covered with fragrant lavender and white blossoms, and maturing fruit. Gal. \$1.75; 5 gal. \$5.00 and up.

PRIVETS for Hedges and Specimens

LIGUSTRUM JAPONICUM (Japanese Privet). Large shrub with dark green leaves. One of the finest privets for hedges or large specimen shrubs. Also available in tree form. Hardy. Gal. \$1.25; 5 gal. \$3.75.

LIGUSTRUM TEXANUM (Wax-Leaf Privet). A bushy shrub with large glossy dark leaves. Fragrant wax-white flowers in spring. Specimens for parking strips, or medium height hedge. Hardy. Gal. \$1.25; 5 gal. \$4.00.

LIGUSTRUM OVALIFOLIUM (California Privet). A strong growing plant with dark green foliage of medium size. Popular plant for hedges and screens. Bare root \$12.50 per 100 and up.

OREGON GRAPE (See page 6)

MYRTLES

MYRTUS COMMUNIS (Common Myrtle). Splendid small leaved shrub much used as a hedge plant and for foundation planting. The tiny leaves are dark green, glossy and aromatic. Flowers white in late spring and summer followed by blue black berries. Gal. \$1.25; 5 gal. \$3.75.

MYRTUS COMMUNIS COMPACTA. Small, pointed leaves in dense masses on this compact shrub. Excellent for low hedges. 15°. Gal. \$1.25; 5 gal. \$4.00.

MYRTUS COMMUNIS VARIEGATA. Foliage marked with striped silver; berries large and contrast beautifully with the light foliage. Gal. \$1.50; 5 gal. \$4.50.

MYRTUS UGNI (Chilean Guava). Attractive bushy medium-height shrub for partial shade. Rounded foliage glossy, tinted bronze. Creamy-white flowers in profusion followed by purplish, edible fruits. Gal. \$1.50; 5 gal. \$5.00.

COME TO SEE US OFTEN — VISITORS ARE ALWAYS WELCOME



*Let us help
you solve
your garden
problems*

Ornamental
Meyer Lemon

AFRICAN BOX

MYRSINE AFRICANA. Close growing shrub resembling boxwood but much more colorful. Deep glossy green leaves are closely set on slightly reddish stems. Useful as a low hedge. Stands shearing. 15°. Gal. \$1.25; 5 gal. \$4.00.

HEAVENLY BAMBOO

NANDINA DOMESTICA. Not a bamboo in any sense of the word but the foliage does resemble a small bamboo in many ways. Leaves light green tipped with pink and copper in early spring; assume a vivid red in autumn. Bright crimson berries in generous clusters are showy. Very hardy. Grows well in shade or sun. Plant in groups for more berries. Gal. \$1.50; 5 gal. \$4.50.

OLEANDERS

All Oleanders, Gal. \$1.25; 5 gal. \$4.00 up

NERIUM OLEANDER. Large bushy shrubs freely blooming all summer, during the hottest weather. Do well in the hot dry interior valleys. Long slender feathery leaves. In various colors, single and double.

Shell Pink. Single; large shell pink.

Compte Barthelmy. Double red, sometimes streaked with white.

Dark Red. Single, fine dark color.

Mrs. Roeding. Fine double salmon pink.

Rosea. Double pink.

White. Single white and semi-double.

Yellow. Pale yellow, single flowers.

OSMANTHUS

OSMANTHUS ILICIFOLIUS. Holly-like foliage, attractive in all seasons. The sturdy, erect bush is excellent for foundation planting. Gal. \$1.50; 5 gal. \$4.75 up.

OSMANTHUS ILICIFOLIUS VARIEGATED. Variegated form of above. Gal. \$2.00.

OSMANTHUS DELAVAYI. Shrubby osmanthus, making a broad dense shrub covered with small oval or rounded leaves of deep green. Spring brings forth clusters of fragrant white flowers. Gal. \$1.50; 5 gal. \$4.75 up.

OSMANTHUS FRAGRANS (Sweet Olive). Dark green glossy leaves, creamy white flowers most abundant in autumn. Very fragrant. Hardy to 10°. Gal. \$1.50; 5 gal. \$4.75 up.

PHOTINIA

See Natives, Page 6

PHOTINIA SERRULATA (Chinese Photinia). Large broad toothed leaves often assuming pretty red or bronze tints especially when young or during cold weather. Berries in large clusters. Very hardy. Gal. \$1.50; 5 gal. \$4.50 up.

PITTOSPORUM

This group of large shrubs forms the backbone of most California plantings. Some varieties are large shrubs or small trees. All are easy to grow, and hardy except in extremely cold places. Some have showy sweet scented flowers.

PITTOSPORUM CRASSIFOLIUM. Tall growing shrub, ideal as a windbreak as it withstands wind very well. Greyish green foliage. Flowers wine colored. Gal. \$1.50; 5 gal. \$4.50.

PITTOSPORUM EUGENIODES. Of erect habit; foliage long, narrow, yellowish-green with wavy margins; stems black. A recommended screening and hedge plant. 21°. Gal. \$1.25; 5 gal. \$4.00.



Photinia Serrulata



Pyracantha Graberi (See Page 14)

IT'S NOT A HOME UNTIL IT'S PLANTED

EVERGREEN FLOWERING SHRUBS—Continued

PITTOSPORUM TENUIFOLIUM (nigricans). Medium to large shrub for screens and hedges, and small specimen trees. Gal. \$1.25; 5 gal. \$4.00 up.

PITTOSPORUM TOBIRA. Handsome bushy shrub with glossy dark green leaves, clusters of fragrant white flowers in spring, followed by small yellowish pods which open to show the bright red seeds. One of the most useful ornamentals for the west coast. 15°. Gal. \$1.25; 5 gal. \$4.00.

PITTOSPORUM TOBIRA VARIEGATA. Dwarf spreading shrub with greyish leaves having silvery white margins. Very attractive. Gal. \$1.50; 5 gal. \$4.75.

PITTOSPORUM UNDULATUM (Victorian Box). Beautiful round headed tree or large shrub. Useful also as a hedge. Rich green leaves with wavy margins, yellowish-white flowers, very fragrant at night. 25°. Gal. \$1.50; 5 gal. \$4.50.



Nandina (Heavenly Bamboo)—Page 13

PRINCESS FLOWER

PLEROMA GRANDIFLORA. Velvety leaves, reddish stems and large purple flowers, often 3 inches across, in fall and winter. Showy and beautiful, does best in slightly acid soil. Tender, 27°. Gal. \$1.50; 5 gal. \$4.50.

BLUE PLUMBAGO

PLUMBAGO CAPENSIS. Excellent ornamental shrub of refined habit, good foliage and showy blue flowers all summer and at a time when good flowers are scarce. Easy to grow and happy under all conditions. Semi-climbing; it can be easily trained as a vine. Hardy to 24°. Gal. \$1.25.

CERATOSTIGMA GRIFFITHI (Burmese Plumbago). Low bushy 2-foot shrub spreading to about 4 feet. Bronzy foliage and covered with brilliant rich blue flowers throughout the fall. Drops its leaves in winter in colder sections. Gal. \$1.25.

POLYGALA

POLYGALA DALMAISIANA. Small rounded shrub with tiny yellow-green leaves and pretty orchid-like purple flowers all year around. Best in partial shade. Gal. \$1.25.

LAURELS

PRUNUS LAUROCERASUS (English Laurel). A fine broad-leaved evergreen shrub used mostly for specimen planting and hedges. The oval leaves always present a cool refreshing green color. Hardy. Gal. \$1.25; 5 gal. \$3.75 up.

PRUNUS LUSITANICA (Portugues Laurel). A bushy, compact, evergreen shrub desirable for hedges and foundation plantings in sun or shade. Dark green foliage with red stems. Gal. \$1.50; 5 gal. \$4.50.

EVERGREEN CHERRIES

PRUNUS CAROLINIANA (Carolina Cherry). Beautiful large shrub or small tree for specimen or screen planting. Deep glossy green foliage; white flowers followed by black cherries. Hardy. Gal. \$1.25; 5 gal. \$4.00.

See Native Evergreen Cherries on Page 6

PYRACANTHA for Colorful Berries

Bush forms, Gal. \$1.25 up. Pyramid forms, Gal. \$1.75 up.
5 gal. \$4.00 up.

These are strong growing sturdy shrubs with erect or spreading thorny branches and narrow dark green leaves and clusters of white flowers in spring. The real glory of these shrubs is the colorful abundance of berries in fall and winter. Rich fairly moist soil. Sun or partial shade.

PYRACANTHA GRABERI. Gracefully arching stems covered with large bright red berries. Dark glossy foliage. Heavy bearer.

PYRACANTHA LALANDI. Vigorous variety with pure orange berries in large profuse clusters. Very early fruiter with the berries maturing in summer.

PYRACANTHA ROSEDALE. One of the earliest to show color. Abundant dark red berries on arching branches, more upright than spreading. Foliage dark glossy green.

PYRACANTHA SANTA CRUZ. One of the heaviest bearing Pyracanthas. Stout, well foliated branches, densely packed with bright red berries of large size. White flowers in spring.

PYRACANTHA STRIBLINGI. A new selection of this lovely berried shrub. Dark green glowing foliage and bright red berries, larger than usual, and in quantity. Holds its berries throughout the holiday season.

PYRACANTHA ESPALIER. Upright and spreading growth habit. \$10.00 up.

RAPHIOLEPIS

RAPHIOLEPIS COATES' CRIMSON (P.A.F.). New red form of rosea. Intense color! Gal. \$3.00.

RAPHIOLEPIS INDICA ROSEA. A new variety with bright pink flowers and neat glossy foliage. Exceptionally fine for low planting. Gal. \$1.75; 5 gal. \$5.00.

RAPHIOLEPIS OVATA. A compact shrub; foliage thick and dark green; flowers white with red anthers, followed by blue berries. Gal. \$1.50; 5 gal. \$4.50.



Rhododendron (See opposite page)

PLANTS IN LARGER CONTAINER AND BALLED & BURLAPPED \$3.50 UP

ITALIAN BUCKTHORN

RHAMNUS ALATERNUS. Large shrub of neat habit of growth, desirable for use in the shrub border. Glossy green and white foliage. Gal. \$1.50; 5 gal. \$4.75.

Variegated Form Also Available

RHODODENDRONS

We carry a good selection in size and variety of these popular shade loving plants. See them at the nursery. A wealth of dark green glossy evergreen foliage serves as a background to numerous large clusters of gorgeous flowers which appear in the spring and early summer. All colors are represented: white, apricot, pink, orange, red, yellow and purple, in all shades and tints. Rhododendrons hold their color longer in shade, are beautiful for mass effects. They are surface feeders and require a mulch of peat moss about 4 or 5 inches thick or a thick layer of leaves to keep the surface soil around the plants moist. Balled and burlapped, \$4.75 up.

ALICE. Rich brilliant pink with large conical trusses. One of the finest pinks, free flowering and with rich green foliage. Midseason.

BEAUTY OF LITTLEWORTH. Large trusses of white flowers speckled dull crimson on the upper petals. Early midseason.

BETTY WORMALD. Large trusses of pink flowers showing a pale purple blotch on the upper petal. Midseason.

CORNUBIA. Large robust habit and large foliage. Clear deep red flowers appear much earlier than regular season.

COTTAGE GARDENS PRIDE. Large rich pink blossoms with brownish-purple blotch. Unquestionably the finest hybrid variety introduced in recent years.

EUREKA MAID (Pat. 432). Combines the best features of Pink Pearl and Alice. Robust, yet compact; flowers on large conical trusses are deep rich pink.

GOLDSWORTH CRIMSON. A brilliant crimson. Really a sight to behold when in full bloom.

LORD ROBERTS. One of the finest dark reds. Medium-sized trusses in abundance on compact plants. Good drainage.

PINK PEARL. The most popular and widely known pink variety. Flowers light clear pink and large in size on large conical trusses. Plant robust in habit; has excellent green foliage.

PURPLE SPLENDOR. Rich deep royal purple. Finest in existence. Late midseason.

RAINBOW. Pink with darker edges. Midseason.

SAPPHO. Very striking white flowers with a large purple blotch. Late.

UNKNOWN WARRIOR. Fiery-red blooms on good sized trusses. Elongated foliage dark green on sturdy, compact plants.

ROSEMARY

ROSMARINUS OFFICINALIS. Another in the group of fragrant foliage plants. Used since ancient times as an "herb". Neat narrow dark green aromatic leaves and light blue, almost white, flowers. Very hardy. Gal. \$1.25.

ROSMARINUS LOCKWOODI. A trailing dwarf shrub seldom over 6 inches high with deep green foliage. Stems root as they go making a wonderful cover shrub. The flowers, borne in large clusters, are a clear light blue. Gal. \$1.25.

SARCOCOCCA

SARCOCOCCA RUSCIFOLIA. Medium size shrub (4 feet), attractive dark green shiny rounded leaves. Useful in partially shaded places as a foliage shrub, the beauty of which is augmented by fragrant white blossoms and dark scarlet berries. Very hardy. Gal. \$1.50; 5 gal. \$4.50.

SKIMMIA

SKIMMIA JAPONICA. Useful low shrub for shade with attractive foliage. White, star-shaped flowers followed by clusters of large bright red berries. Use male plants for pollination. Gal. \$1.75; 5 gal. \$5.00.

AUSTRALIAN BLUE BELL

SOLLYA HETEROPHYLLA. This evergreen climbing shrub, also called Australian Bluebell, keeps twining to 6 feet or more. It displays varying, lance-shaped to oblong leaves and small, blue, attractive nodding flowers. Gal. \$1.25.



Strelitzia Reginae

BIRD OF PARADISE

STRELITZIA REGINAE. Lush green oval leaves on stiff erect stems. Forms a good size clump over which the orange and blue birds perch on stiff stems. Very showy, popular plant for tubs or in the garden. Hardy to 26°. Gal. \$2.50 up; blooming size \$7.50 up.

VERONICAS (Hebe)

VERONICA IMPERIALIS. Compact rounded shrub to medium height. Foliage medium green. Stems as well as flower spikes are reddish purple. Does well in shade. Gal. \$1.25; 5 gal. \$3.75.

VERONICA DECUSSATA. Small compact shrub, gray-green leaves and violet-blue flowers most of the year. Partial shade. Gal. \$1.25; 5 gal. \$3.75.

VERONICA BUXIFOLIA. Low compact plant with box-like foliage and small, white flowers. Useful for globe-shaped accent plants or low edging. 5 gal. \$3.75.

VIBURNUMS

A hardy lot of good substantial shrubs useful in foundation planting, shrub borders, or as hedges. Some have fragrant flowers, others ornamental berries.

VIBURNUM BURKWOODI. The glory of this shrub is its clusters of pink and white fragrant flowers. Almost evergreen, although drops some of its leaves in cold weather. Gal. \$1.50; 5 gal. \$5.00.

VIBURNUM JAPONICUM. Fast growing shrub. Large glossy leathery leaves, neat foliage; white to rose pink flowers and scarlet berries. Leaves suggest English Laurel. 5 gal. \$4.00.

VIBURNUM ODORATISSIMUM (Sweet Viburnum). Very dependable, erect growing plant bearing fragrant white flowers, thick foliage. Unusually attractive. Gal. \$1.50; 5 gal. \$4.50.

VIBURNUM SUSPENSUM (Sandankwa). Medium size shrub with lush neat, slow growth and attractive either as a specimen or hedge. Gal. \$1.25; 5 gal. \$4.00.

VIBURNUM TINUS (Laurestinus). Very fine evergreen shrub making a dense growth of deep green glossy foliage. Clusters of pink buds open to dainty white flowers in spring. 5 gal. \$4.00.

XYLOSMA

XYLOSMA SENTICOSA. One of the finest foliage shrubs of recent introduction. Leaves are small, oval and pointed. Light cheerful green reflecting the gold of sunlight pointed out by subtle tints of red. Used as a ground cover, as specimen shrub and well suited to training on a wall as an espalier. Gal. \$1.50; 5 gal. \$4.75.



Azalea Mollis

The flowering shrubs listed on this group will lose their leaves for a short time each year but never for long periods. They are the hardiest of shrubs, withstanding heat and cold. In fact, their extreme hardiness makes them desirable for mountain homes. Others because they are not so large can be used where definite height of growth is a consideration in the garden. Many produce showy flowers, without which the garden would lack much in interest and sparkle.

RED LEAF MAPLE

ACER PALMATUM. The slender drooping branches of this variety are closely lined with small, maple-like leaves that in spring are rosy-red, change in summer to glistening green and in fall are painted rich shades of scarlet and gold. Sun or shade. Gal. \$1.50; 5 gal. \$5.00.

ACER PALMATUM ATROPURPUREA. Charming beyond description is this variety with its thin dark branches and deeply cut red leaves. Sun or light shade. Gal. \$3.50 up.

ACER PALMATUM DISSECTUM (Japanese Cutleaf Maple). The red leaves are delicately cut. Weeping, graceful branches. Gal. \$3.50 up.

Larger Sizes Available

California-Grown COLORFUL DECIDUOUS

DWARF FLOWERING ALMOND

AMYGDALUS NANA. Small shrubby tree with long slender branches laden in spring with delicate very double flowers like small roses. Available in pink or white. Gal. \$1.50.

AZALEAS

All Deciduous Azaleas: Gal. \$1.50; B.B. \$4.00 and up

AZALEA ALTA CLARENSIS. Apricot yellow. A Chinese azalea resembling Mollis except in color.

AZALEA MOLLIS HYBRIDS. Colorful spring bloom. The flowers are borne in large clusters and vary in color and intensity from bright orange to flame.

BARBERRY

BERBERIS THUNBERGI ATROPURPUREA (Red Leaf Japanese Barberry). Rich lustrous bronzy-red foliage and brilliant red berries. Dense bushy shrub best in sun. Gal. \$1.50; 5 gal. \$4.50.

FLOWERING QUINCE

5 Gal. \$4.00. Some varieties are available in gallons at \$1.50 up
Bare Root: \$3.00 and up

The old fashioned flowering quinces with their bright red flowers in early spring were showy in their day but never equal to the newer varieties available at our nursery. They are much more showy, stay in bloom longer and make fine cut flowers. Very hardy shrubs.

BLOOD RED (rubra grandiflora). Bright red, free blooming, blossoms.

APPLE BLOSSOM. Apple blossom pink.

CHARMING. Soft shell pink blossoms on thornless stems.

CORAL BEAUTY. Rosy coral with light center.

RED RUFFLES (Plant Pat. No. 951). Strong, erect, almost thornless type. The flower petals are so large they overlap, creating an attractive ruffled effect. Dazzling brilliant red, the best red to date.

SNOW. Pure glistening white. Very large and vigorous.

STANFORD RED. Large crimson red flowers of robust habit. Good for cutting as they hold up well and are almost thornless.



Magnolia Stellata



Cydonia (Flowering Quince)



Snowball Viburnum (Opulus sterile)

FLOWERING SHRUBS

FORSYTHIA

Showers of bell-like yellow flowers in the spring before the leaves appear. Graceful arching habit. No shrub excels Forsythia in creating a joyful springtime effect. Gal. \$1.25; 5 gal. \$3.75.

HYDRANGEAS for the Shade

All Hydrangeas: Gal. \$1.50 up; 5 gal. \$4.50

Excellent shrubs for shady places where the soil can be slightly acid. Some varieties will produce blue flowers if the soil is treated to a light application of alum or iron sulphate.

HYDRANGEA HYBRIDS. We offer many new hybrids in blue, carmine, red and pink. Many large flowered, choice varieties.

HYDRANGEA HORTENSIS. Dense 6-foot shrub with bold dark green leaves and masses of pink or blue flowers in ball-shaped clusters. The color depends on the soil and type of fertilizer used. Popular shrub for shaded places.

LEMON VERBENA

LIPPIA CITRIODORA. Not much of a show but has been popular a long time because of the lemon fragrance of the foliage and flowers. Flower sprays have a delicate structure and perfume. Gal. \$1.25.



Crape Myrtle

CRAPE MYRTLES

All Crape Myrtles: Gal. \$1.50; 5 gal. \$5.00

LAGERSTROEMIA INDICA. Large shrubs or small trees, with showy masses of lovely crepe-like flowers in summer. They withstand heat very well, which accounts for their wide-spread popularity in the drier areas. Sun. Not recommended for the coastal area.

Rosea. Pink
Rubra. Red

Lavender. Lovely lavender
White. Pure white

Tree Forms Available



Blue Hydrangea

LILACS

SYRINGA PERSICA LACINIATA (Cut-leaf Persian Lilac). Good size clusters of real lilac flowers in spring and early summer. Blooms consistently. Gal. \$1.25; 5 gal. \$4.50.

NEW PATENTED VARIETIES

Bare Root, 1 1/2-2 ft. \$3.75 and up; 5 Gal. \$5.00 and up

SINGLE FLOWERED VARIETIES

CLARKE'S GIANT (Pat. No. 754). Very large single sky blue.

ESTHER STALEY (Pat. No. 768). Medium large, single pure pink.

MME. CHAS. SOUCHET. Creating a sensation among Lilac lovers. Very large and regular single flowers of the purest sky blue with enormous panicles. Very floriferous. 1 1/2 to 2 ft. \$5.00.

PURPLE HEART (Pat. applied for). Single, deep purple. Very large flowers.

SELECTED VARIETIES

Bare Root, 1 1/2-2 ft. \$3.00 and up; 5 Gal. \$4.00 and up

AMI SCHOTT. Good deep blue, double blooms.

CAPTAIN PERRAULT. One of the finest double pink lilacs.

JEANNE D'ARC. A beautiful double white.

KATHERINE HAVEMEYER. Popular double pinkish mauve.

MARCEAU. Largest single flowers of deep violet blue in plump clusters.

MAXIMOWICZ (also called **Maxie**). Excellent clusters of double flowers in violet-blue.

MRS. W. E. MARSHALL. Long slender spikes of deep purple crimson. Late.

VIOLETTA. Double violet.

VOLCAN. Single, royal purple.

PRUNING FLOWERING SHRUBS

Deciduous flowering shrubs will preserve a compact, well-kept appearance if they are given a thorough pruning following the blooming period. Thin out conflicting branches, preserving the strongest. Cut these back about one-half.

PRUNING LILACS

Lilacs should receive only a light pruning, such as they are given automatically when cut flowers are taken.

CHINESE MAGNOLIAS

Shrub or Small Trees. Best in Partial Shade in Warmer Sections.

Gal. \$3.50; 5 gal. \$7.50 up

MAGNOLIA LENNEI (Lenne Magnolia). Magnificent saucer-shaped blooms eight inches across; petals broad and rounded, outside bright purple rose, inside nearly white; very fragrant.

MAGNOLIA LILLIFLORA NIGRA. Large dark purple flowers. Inside of cup-shaped flower lighter purple in color.

MAGNOLIA RUSTICA RUBRA. Deep pink flowers.

MAGNOLIA SOULANGEANA. The large lily-like flowers of Chinese Magnolias are becoming more esteemed each year. They come at the end of the winter before the leaves. Outstanding flowers, beautiful rose-red margined with white. Give plenty of water and a good soil.

MAGNOLIA SOULANGEANA ROSEA. Large, tulip-shaped, rose-pink flowers fading to light pink with white margins.

MAGNOLIA STELLATA (Star Magnolia). Neat growing small tree or large shrub. Free flowering in spring. Flowers 3 to 4 inches across, composed of many narrow white petals.

MAGNOLIA STELLATA ROSEA. Same as above but with pinkish-white flowers.

Other Varieties Available

MOCKORANGE

PHILADELPHUS VIRGINALIS. Few shrubs give such a glorious display of flowers in early summer. Masses of large, double and semi-double pure white fragrant flowers cover the shrub for quite a long time. Hardy and reliable bloomer. Gal. \$1.25; 5 gal. \$3.00 up.

POMEGRANATES

All Pomegranates (Punica): Gal. \$1.25; 5 gal. \$3.75

PUNICA GRANATUM (Double Flowered, Flowering Pomegranate). A good size shrub with light green foliage and many double bright red flowers all summer. Drought resistant after established. Does well in interior areas.

PUNICA GRANATUM NANA (Dwarf Flowering Pomegranate). Never reaches a large size. Excellent for low formal hedges or as a low shrub in foundation plantings. A lively little plant with red flowers, interesting red fruits, but small stature.



Spiraea Prunifolia (Bridal Wreath)



Magnolia Soulangeana

SPIRAEAS or BRIDAL WREATHS

SPIRAEA ANTHONY WATERER. Low 3-foot shrub, covered with masses of flat topped clusters of rosy-red flowers. Summer. Very hardy. Gal. \$1.25.

SPIRAEA REEVESIANA (Double Bridal Wreath). Hardy shrub with graceful branches, light green leaves and masses of snowy white double flowers of exquisite beauty. Gal. \$1.25; 5 gal. \$3.75.

SPIRAEA PRUNIFOLIA. Grows to 6 feet. Flowers white on well-spaced umbels. Gal. \$1.25; 5 gal. \$3.75.

SPIRAEA VANHOUTTEI. This well known shrub is grown in every part of the country. Hardy even in the most severe places, it graces the long arching branches with pure white single flowers in such profusion as to suggest snow banks. Gal. \$1.25; 5 gal. \$3.75.

SNOWBALLS

VIBURNUM OPULUS STERILE. This well-known hardy shrub is easy to grow in California. Abundant white globular flowers in May and June. Sun. Gal. \$1.25; 5 gal. \$3.75.

WEIGELAS

WEIGELA BRISTOL RUBY (Pat. 492). Rich ruby red trumpet-shaped flowers all summer. This new Weigela is one of the best red varieties yet developed. Hardy. Sun. Gal. \$1.50.

WEIGELA, EVA RATHKE. Dwarf form with red flowers. Blooms continuously throughout summer. Gal. \$1.25.

WEIGELA ROSEA. Large clusters of bright pink flowers in spring and early summer. Gal. \$1.25; 5 gal. \$3.75.

All Deciduous Shrubs are hardy in California.

Deciduous flowering shrubs can be easily transplanted and shipped during the dormant season—December through March—from dormant root stock. In any other season most varieties are available growing in containers at slightly higher prices.

PERENNIALS *For Seasonal Touches of Color in Your Garden*

Priced at Nursery

Agapanthus umbellatus, Blue Lily of the Nile. On stout yet graceful stalks this plant bears large umbels of lovely blue lily-like flowers in great profusion in summer. 3 feet. Leaves long and narrow, in nice clumps. Also white flowered form.

Aster frikarti, Wonder of Stafa. Bushy plants, alive with 2-inch lavender-blue asters from June to December. Rich green foliage. 2½ feet. Full sun.

Campanula isophylla. Trailing perennial for hanging baskets or rock gardens. Small grey green leaves and trailing stems of saucer shaped white or blue flowers. Free flowering.

Campanula poscharskyana, Serbian Bluebell. A most charming low growing perennial, seldom over 6 inches in height, making a dense carpet of blue saucer-shaped flowers in early summer. Use it as a ground cover in lightly shaded places or as a border plant in the flower garden.

Ceratostigma plumbaginoides (Plumabo larpentae). Dwarf spreading plant with nice green foliage and bright blue flowers with red bracts in late fall. 1 foot, sun.

Convolvulus cneorum. Dense, small-leaved plant growing erect to 4 feet with white or pink single flowers. Persistent.

Convolvulus mauritanicus, Blue Morocco Creeper. Light grey-green creeper with quantities of pale lavender cups all summer. Excellent ground cover for sun. 6 inches. Not weedy.

Delphinium, Pacific Hybrids. Graceful spikes of large, well proportioned flowers in an excellent color range.

Fuchsias. These most useful plants offer an almost infinite variety of forms and colors, upright, hanging or trailing.

Geraniums. Never out of bloom. Ideal for patio, window box, balcony, garden. Available upright or trailing in colors from the most delicate to the most vivid.

Gerbera jamesoni hybrids, Transvaal Daisies. One of the finest garden and cutting flowers for California. Low tufts of leaves and long stemmed crisp, long-lasting daisies in a brilliant array of colors, pastel and bright. Sun.

Hemerocallis, Day Lilies. Handsome clumps of foliage graced with brilliant lilies in yellow and orange shades. Essential to the border as are delphiniums and phlox. Easy, sun or shade.

Lavandula officinalis, English Lavender. Shrubby plant with greyish aromatic foliage and tall slender spikes of bluish-violet flowers. Very hardy. Sun.

Marguerite. We offer this popular bushy perennial in both white and yellow flowered types. Flowers, 2-inch daisies, are freely produced and long lasting. Indispensable.

Pelargoniums. Long valued for their wealth of bloom and glorious colors, the modern varieties surprise with ever greater variations of contrasting color combinations.

Penstemon Sensation. 2 to 3 foot with large showy trumpet-shaped flowers in pink, red, white or combinations. Free blooming and good for cutting. Full sun.

Phlox paniculata, Garden Phlox. Perhaps the showiest summer perennial for the border or against the shrubbery. Masses of glorious color throughout the summer and fall. 2 to 3 feet; sun. Red, pink, lavender, and white.

Hybrid Primrose, Pacific Giant. A Polyanthus strain with taller stems, larger flowers and a wider and clearer color range than heretofore.

Saxifraga crassifolia. Large round leathery leaves making an excellent show all year in shaded places. Spikes of pink flowers in fall or winter, in broad rounded clusters.

Shasta Daisy Esther Reed. Flowers peony-flowered with pompon center surrounded by longer ray flowers. Very lovely for cutting.

Shasta Daisy Marconi. Fully double flowers of immense size.

GROUND COVER PLANTS

Much publicity has been given this group of plants of late. Some make lawn substitutes of variable quality depending on the method by which they are set out. In general better results are to be had by carefully grading and preparing the ground as you would for a lawn. Then set small divisions closer than generally recommended to cover the soil as quickly as possible before the soil between has a chance to wash away. This prevents the mounding effect so often seen in these lawns.

AJUGA, Carpet Bugle. One of the finest covers for shady places where a good water supply can be assured. Leaves make a close turf not over 2 inches high. Blue flowers in spring.

ARCTOSTAPHYLOS UVA-URSI (Manzanita, Bearberry). Prostrate trailing variety, excellent for a ground cover. The leaves are a rich green. The flowers are white with a pink tint, followed by red berries.

CEANOTHUS GLORIOSUS. Described on page 6.

DICHONDRA REPENS. Makes a very close lawn surface of tiny round green leaves. Best in sunny places where it can be given moderate watering. Becomes loose and large in shade. Needs mowing once in a while only. Easy to manage.

ENGLISH IVY. Dark green glossy leaves, makes a cover about one foot deep. Needs no mowing. Excellent on banks or level areas. Mat is too deep to walk over comfortably. Also in variegated form. Makes an unusual color contrast.

GAZANIA. Greyish tufts of foliage covered by quantities of golden or orange or reddish daisies on six-inch stems. Best in hot sun. Set plants 6 to 8 inches apart.

HEDERA CANARIENSIS VARIEGATED (Variegated Algerian Ivy). Like the Hedera canariensis, but its leaves are a creamy-white and green, beautifully variegated. An evergreen vine that is especially vigorous.

HEDERA HAHN'S. This compact growing small leaf ivy finds much use in planter boxes because of its somewhat restricted growth habit. It may be used as a bed edging or ground cover in patio work where its dark green foliage creates a restful effect.

IVY GERANIUM. For partially shaded or sunny places. Shiny neatly shaped leaves and showy flowers in pink, red, white, lavender or purple. Makes a nice cover for banks. Trailing. Subject to frost.

HYPERICUM CALYGINUM. A low growing, bushy plant, bearing large, yellow flowers from May through October. Valuable as a ground cover.

HELXINE (Baby's Tears). Hardy, close creeper, making an excellent quick cover in deep shade with plenty of moisture. Tiny round St. Patrick's Day green leaves. Subject to frost.

MESEMBRYANTHEMUM (Ice Plant). Rapid growing waxy succulent plants making excellent covers in dry sunny places. Colorful flowers in abundance, often cover the plants and make showy effects. Available in different colors, rose-pink, red, orange and yellow.

STAR JASMINE. Ground cover, also planting boxes. **Not** for dry banks.

ORNAMENTAL STRAWBERRY, FRAGARIA CHILOENSIS. Handsome glossy foliage, covered in spring with countless white flowers. Hardy and attractive, sun or partial shade.

TRAILING LANTANA. Creeping plant making a mat about one foot deep with showy lavender-purple flowers over a long season. Very tough and hardy. Should it freeze back it quickly recovers.

VINCA MINOR (Periwinkle, Myrtle). Excellent evergreen ground cover, particularly for shady spots. Deep blue flowers. Very suitable for rock gardens.

OTHER GROUND COVERS

are the prostrate types of shrubs described in other parts of this catalog such as:

COTONEASTERS. All white or pinkish flowered with red berries in fall and winter. See full description on page 16.

C. conspicua decora. Necklace Cotoneaster, with tiny deep green foliage.

C. horizontalis. Small-leaved creeper with fanning branches.

C. microphylla. Low, densely covered with tiny foliage.

HYPERICUM. Arching, low growing shrub with densely carried foliage and showy, jewel-like yellow flowers. (See page 18). For instance:

H. calycinum. Especially low-growing with large flowers.

H. moserianum. Very dense and dark-leaved.

JUNIPERS. All Junipers can be restricted in growth by pruning. But here are some of the better known spreading types (see also page 27):

J. pfitzeriana. Bushy, wide spreading, horizontal.

J. armstrongii. Bluer and softer foliage.

J. procumbens. Bluish, sharply pointed leaves.

J. tamariscifolia. Blue green, closest to the ground.

PYRACANTHAS (Firethorn). If not trained upright all tend to spread. (See page 15 for varieties.)

P. Santa Cruz. Spreading 12 feet, this variety is the most often used ground cover Firethorn.

Other excellent ground cover subjects are the various **CREeping VINES** (pages 32-33) such as Ampelopsis, the Ivies and Honey-suckle.



Etoile de Hollande

Mrs.
E. P. Thom



Our

1954

Special Collection of **6 POPULAR
ROSES**

Christopher Stone
Etoile de Hollande
Mrs. E. P. Thom
Mrs. P. S. Dupont
Mrs. Sam McGredy
Picture

ALL SIX ROSES
Shown on This Page
(\$1.50 each,
\$9.00 value)

FOR ONLY **\$7.50**

BARE ROOT STOCK
ONLY



Mrs. P. S. du Pont



Mrs. Sam McGredy

Christopher Stone



Bare-root season approxi-
mately December to mid-
March. Plants available in
containers the year round.



Picture

FLORIBUNDA ROSES

Generally speaking this group of roses are small flowered, but like the Azalea, there are a lot of them. The popular Cecile Brunner is one extreme while Red Ripples and Floradora are more showy because the flowers are in good size clusters. Beds of Floribundas are very bright and showy. The dwarfier ones make fine borders for the rose garden, or plant in groups of three or more to enliven the shrubbery. Ideal for flower arrangements and bouquets.

BETTY PRIOR (Pat. 340). In the early spring, the single blooms resemble the flowers of a red-flowering dogwood tree, and are produced in great clusters. Blooms continuously throughout the season, opening a lively red color, and turning to delicate shell-pink as the flowers age. \$1.50 each, bare root.

CECILE BRUNNER. Most popular and best known of the baby roses. Small pink buds open to double flowers. Bright pink with a touch of yellow at the base of petals. Continuous bloomer. \$1.50 each, bare root.

FLORADORA. The scarlet-red coloring of this neat flowered floribunda has attracted lots of attention. The tiny buds open to camellia-like double blooms. We like this one for flower arrangements and corsages. 4 ft. \$1.50 each, bare root.

FROLIC (Pat. 1178). Small to medium long, pointed buds open to semi-double flowers of various shades of pink, darkest pink to almost white as the flower fades. The slightly fragrant flower clusters are produced in abundance. 3 ft. \$2.25 each, bare root.

GARNETTE. This popular florist's variety now available for the fancier's garden. A perfect bountoniere rose and very showy from the charming bud to the full bloom stage. Garnette red with light lemon-yellow base. Slightly fragrant and long lasting. \$1.50 each, bare root.

GOLDILOCKS (Pat. 672). Considered by many the best yellow polyantha rose on the coast. Healthy, floriferous and lovely if the old blooms are kept out. Performs best on semi-shaded location. \$1.50 each, bare root.



Lilibet
(P.A.F.)
1954 Winner



Frolic (Pat. 1178)



LILIBET (P.A.F.). This immensely popular newcomer is a cross of Floradora and Pinocchio. Its medium sized ovoid buds open to charming clusters of double, open blooms of rose-shaded porcelain pink, enhanced by a spicy fragrance. The bush is semi-dwarf with good, glossy foliage. \$2.50 each, bare root.



MA PERKINS (Pat. 1143). This new All-America Selection for 1953 has charming buds, both singly and in clusters, all season. The cup-shaped flowers are light pink with yellow suffusion in the early stages, turning to soft coral pink as they age. Pungent fragrance. Bushy growth. Rich, disease resistant foliage. 2½-3 ft. \$2.25 each, bare root.

PINOCCHIO (Pat. 484). One of the most popular baby roses of recent introduction. Makes a bush seldom over two feet in height and has clusters of dainty little flowers—salmon-orange flushed with gold. \$1.50 each, bare root.

RED RIPPLES. Buds of the bountoniere type in large clusters, each perfect in form and color—pointed and dark red opening to fluffy bright red flowers of medium size. Steady and continuous blooming.

ROSENELFE. Very double gardenia-like flowers about 2½ inches across, silvery rose-pink in color. Blooms freely throughout the summer.

SNOWBIRD. Low bushy plants completely covered with clusters of semi-double pure white flowers. Free flowering.



VOGUE (Pat. 926). Related to Fashion, Vogue combines a taller growth habit with an abundance of exquisitely formed 3½ inch fully double flowers of an absolutely new oriental red color tone, base of petals shading to gold. \$2.00 each, bare root.

HYBRID TEA ROSES



Texas Centennial



This insignia, AARS, guarantees that the rose variety with which it is associated has been observed and scored in test gardens throughout America and has been voted an All America Selection.


Of the multitude of new roses offered each season, only a few have merit enough to stay with us. Roses described on these pages have been selected for distinctive individuality, but we do have other varieties available. Their garden merit has been well proved, therefore, satisfactory performance has established their popularity. Available all year.

BARE ROOT Price: \$1.50 each, unless otherwise indicated. Priced higher in containers.

RED ROSES


BRAVO (Pat. 983). A big, bold rose with plenty of shapely ruffled petals. The sparkling, cardinal-red bloom will not fade in hottest weather. Grows bushy to medium height. \$2.25 each, bare root.

CHRISTOPHER STONE. Large, formal, double rose of glowing crimson-scarlet, with deeper shadings. Long lasting and fragrant. Does not fade. Truly beautiful, even when fully open.

 **CHRYSLER IMPERIAL** (Pat. 1167). At last an ideal red exhibition rose. Abundant, high-centered flowers up to 5 inches in diameter, borne singly; sturdy, medium long stems. Vivid rich crimson tones—beautifully shaped flowers that last up to one week when cut. Long, tapering buds; large, dark green foliage. See color illustration on page 20. \$3.00 each, bare root.


ETOILE DE HOLLANDE. Buds of velvet maroon open to a beautiful full rose of glowing crimson with darker shadings. Does not fade. Rich with its old-rose fragrance.

NEW YORKER (Pat. 823). Clear large, sparkling red flowers that do not fade in any type of weather. All of the blossoms that we have ever seen were at least 6 inches across, and they were beautiful. The fragrance makes us think of raspberries. \$2.00 each, bare root.

 **SAN FERNANDO** (Pat. 785). Long pointed buds, well formed and richly colored, open to fragrant glowing red flowers. When open the blooms assume a brilliant scarlet color. Luxuriant foliage. \$1.75 each, bare root.


TEXAS CENTENNIAL (Pat. 162). Blood red sport of Pres. Hoover. Tight buds and high centered flowers toned cerise at center. More carmine in hot weather. \$1.50 each, bare root.

CERISE-RED ROSES

 **CHARLOTTE ARMSTRONG** (Pat. 455). Beautiful, long, pointed buds of clear cerise-pink, opening to neatly tailored flowers. Petals margined with a thin silvery line. Vigorous mildew-resistant foliage, vigorous and free branching. \$2.25 each, bare root.

 **GRANDE DUCHESSE CHARLOTTE** (Pat. 774). Buds of a rich claret changing as the flower opens to a lovely begonia rose. Richly fragrant and unusual in color. \$2.00 each, bare root.

PINK ROSES

 **CAPISTRANO** (Pat. 922). A vigorous and sturdy rose producing large buds and flowers with a rich, heavy fragrance. Deep, glowing rose-pink in the bud and open flower, with beautiful leathery foliage. \$2.25 each, bare root.

FIRST LOVE (Pat. 921). The distinctive and unique form of its long, slender bud and the always charming pastel shades of its delicate pale orchid and rose dawn-pink will make this new rose the connoisseur's delight. The long-stemmed flowers come in great profusion. A great performer. \$2.25 each, bare root.

J. OTTO THILOW. Rich, glowing rose-pink; reflexed double petals.



HELEN TRAUBEL (Pat. 1028). A truly outstanding new rose—a star in its own right just as the famous opera star in whose honor it is named. The color varies with the weather from a light, sparkling pink to luminous apricot. The magnificent buds are unusually large and long and open to a lavish display of vivid colors. The large plants are so vigorous that they are nearly always covered with buds and blooms. See color illustration on back cover. \$2.75 each, bare root.



KATHERINE T. MARSHALL (Pat. 607). Warm glowing pink blooms with a delicious fruity fragrance and perfect form. Buds long pointed with heavy petals opening to very large flowers. An extremely vigorous grower with long, strong stems. An exquisite pink rose. \$1.75 each, bare root.

PICTURE. Very double velvety clear rose-pink; slightly fragrant.

SHOW GIRL (Pat. 646). Perfect phlox pink buds on long stems for cutting. Flowers open rose-pink and are very lovely in both form and color. Fragrant. Excellent foliage. \$2.00 each, bare root.

THE DOCTOR. Enormous semi-double satiny pink. Fragrant.

MULTI-COLOR ROSES



FORTY-NINER (Pat. 792). One of the most brilliantly hued flowers of recent introduction. Color combination is outstanding with its vivid red petals, bright yellow to straw yellow on the outside. Mild, pleasing fragrance. Long pointed buds opening to well formed flowers. \$2.50 each, bare root.

MARK SULLIVAN (Pat. 599). Rich gold flowers 4 to 4½ inches across, richly overlaid with deep rose-pink and cerise. A rose of spectacular coloring and a rich honey fragrance. \$1.75 each, bare root.

PRESIDENT HOOVER. Shades of cerise-pink, orange and scarlet combined. Spicy fragrance.



TAFFETA (Pat. 716). Although the color varies with the season the usual carmine bud opens to show clear rose-pink, salmon-pink or apricot fragrant flowers. Upright vigorous growth. \$2.00 each, bare root.

TALISMAN. Fragrant orange-scarlet with gold and yellow shades.

ORANGE AND COPPER-ORANGE ROSES



FRED EDMUNDS (Pat. 731). Beautiful buds of burnt-orange open to lasting blooms of reddish apricot blended with rose, gold and salmon. A very vigorous, free-blooming rose. \$2.00 each, bare root.

HINRICH GAEDE. Orange-yellow with nasturtium-red glow.

MME. HENRI GUILLOT (Pat. 337). A distinctive and sensational variety. Beautifully formed buds, reddish orange with undertone of gold, opening to rich, deep pink flowers of camellia-like form. Vigorous, symmetrical plants and glossy light green foliage. \$2.00 each, bare root.



MOJAVE (Pat. 1176). The only hybrid tea to win an All-America award for 1954. Originates from Southern California and displays many of the rich colors of the Painted Desert of the West. Dominant is a glowing apricot orange with hues of nasturtium red, scarlet and vermilion. Long slender buds are continually produced on long, slender stems, to burst into fragrant double flowers that have proved adaptable to all climates of our rose-growing areas. The tall, upright plant is clothed in large, glossy foliage. \$3.00 each, bare root.

MRS. SAM MCGREDY. Fragrant blooms of scarlet, copper and orange.

WHITE ROSES

MCGREDY'S IVORY. Long-pointed buds, large perfectly formed creamy ivory-white flowers. Sweetly fragrant.

SLEIGH BELLS (Pat. 1004). Freely produced long ovoid buds opening gradually into large size blooms of gleaming white with a trace of cool primrose at the base. Fragrant. \$2.00 each, bare root.


ROSES BLOOM LONGER THAN ANY OTHER FLOWER

FOR FRAGRANCE AND COLOR

YELLOW ROSES

BUCCANEER (Pat. 1119). A unique new brilliant buttercup yellow, shining and lasting, with long, slender, tapering buds produced in abundance, and richly cupped blooms colorproof in nearly all weather. Strong, free-branching canes, up to 6 ft. high. Prize winner in Rome, Paris, Geneva. \$2.75 each, bare root.

ECLIPSE (Pat. 172). Popularized and well known as the "Streamlined Rose" for the long tapering yellow buds enhanced by the narrow green calyx and truly streamlined. Rich golden yellow without shading. \$1.75 each, bare root.

 **FRED HOWARD** (Pat. 1006). One of the last creations of its producer, Fred Howard. The long, rich yellow buds are tipped with a delicate penciling of light pink, and when the buds open, you see a full double, high centered, beautifully formed flower. The plant is strong, hardy, fully branched and clothed in dark, shiny foliage. Flowers are produced on long stems from early spring to late into fall. \$2.50 each, bare root.



High Noon

No. 1 Grade Bareroot Prices as Shown
Plants available later in containers at higher prices


CL. CHARLOTTE ARMSTRONG (Pat. 523). Every rose garden will be illuminated when this striking cerise rose starts climbing up its sides. It has all the qualities that made the bush rose with this name famous. \$3.50 each, bare root.

CL. CHRISTOPHER STONE (Pat. 626). Scarlet-crimson; very popular, upright. Stands hot weather. Excellent substance and spicy fragrance. \$1.50 each, bare root.

CL. CECILE BRUNNER. Very popular climber. Vigorous with dainty pink blooms. \$1.50 each, bare root.


CITY OF YORK. Striking spring and fall-blooming climber with showy gardenia type blooms of creamy white with yellow stamens. Glossy, disease-immune foliage. Pungent fragrance. \$1.50 each, bare root.

CL. ETOILE DE HOLLANDE. The best red climber. This deep red climber produces the finest roses of any. Buds often larger and longer than the bush variety. Vigorous clean grower. \$1.50 each, bare root.

 **HIGH NOON** (Pat. 704). Pillar rose to 8 feet high, covered with long stemmed golden buds. Stems almost thornless. Not a rampant climber but suited to growing against a post, pillar or arbor. Bushy habit. \$2.25 each, bare root.


CL. MME. HENRI GUILLOT (Pat. 788). A rose of enchanting loveliness. Richly fragrant flowers of raspberry pink are displayed over the shining waxy foliage. \$2.00 each, bare root.


MERMAID. Beautiful glossy green foliage and large single light sulphur-yellow flowers with golden centers make a beautiful sight during the rose season; a rambling grower. \$1.50 each, bare root.

 **LOWELL THOMAS** (Pat. 595). Very double high centered flowers in a lasting canary yellow. Large, long-pointed buds. Vigorous compact bush—upright habit and leathery foliage. \$2.00 each, bare root.

MRS. E. P. THOM. Double deep canary-yellow flowers. Fragrant.

MRS. P. S. DUPONT. Long, reddish-golden bud; golden-yellow flowers.

 **PEACE** (Pat. 591). Large, fully double flowers opening from well shaped buds. Often a clear pleasing yellow, sometimes only yellow at base, fading to a lighter tint and a delicate pink where the petals turn over. \$2.50 each, bare root.

 **SUTTER'S GOLD** (Pat. 885). The only rose to win both the Bagatelle Gold Medal and the All-America Award for 1950. Beautiful golden buds overlaid with orange and red open to spectacular flowers with more fragrance than any other yellow rose. \$2.25 each, bare root.

CLIMBING ROSES

Climbing roses are beautiful subjects to train against walls or trellises or allowed to ramble over rough fences. They have been traditionally used on arbors and pergolas where the bloom can be seen at a distance and easily examined close by. Cut out old wood after blooming, thus encouraging new vigorous growth from the base. This will bloom the next season.

CL. MRS. E. P. THOM. A rapid growing climber producing quantities of glorious yellow flowers, much more than the bush variety. Rated the best yellow climber. \$1.50 each, bare root.

CL. MRS. SAM MCGREDY (Pat. 394). Free flowering copper-orange climber. Buds long pointed and borne on long stems. Luxuriant bronzy green foliage. \$1.75 each, bare root.

PAUL'S SCARLET CLIMBER IMPROVED (Blaze). A new improved version of the old familiar everblooming scarlet climber, covered with clusters of vivid color all season long. \$1.50 each, bare root.

CL. PEACE (Pat. 932). The most widely planted rose in America today. The light to deep yellow floweres with the apple blossom pink edges have become familiar to everybody. The same superior flowers, foliage and stems that you find in the bush. \$2.50 each, bare root.

CL. PICTURE (Pat. 524). Perfect buds and flowers just as in the bush variety. Clear rose-pink with tones of warm salmon showing through. A climber of merit. \$2.00 each, bare root.

CL. PINKIE (Pat. 1076). As much a continuous bloomer as the famous floribunda bush that sky-rocketed to fame just a few years ago. Buds and blooms are dainty, perfectly formed and of spicy fragrance. \$2.75 each, bare root.

CL. PRESIDENT HERBERT HOOVER. One of the best multi-colored climbers. Flame, pink and buff. Rampant. \$1.50 each, bare root.

CL. TALISMAN. This well known rose hardly needs description. It is just like the bush form but a vigorous climber. Lovely red and gold. \$1.50 each, bare root.



Paul
Scarlet

ROSES IN CONTAINERS

We make a special effort to have as many varieties of roses as possible in containers after the bare root season has passed. In this way our friends can see the roses readily at any time in the year. You can secure vigorously growing, easily identified, high quality, established plants in this way at only slightly higher prices than those quoted for bare root in this catalog.

THE TOP TEN "All America" ROSES

Bare-root season approximately December to mid-March. Plants available in containers the year round.

The BIG FOUR for '54

- MOJAVE
- CHRYSLER IMPERIAL
- HELEN TRAUBEL
- PEACE

\$11 value
for
\$9.65
BARE ROOT



Chrysler Imperial (Pat. 1167)



1954 Winner  Mojave (P.A.F.)



Charlotte Armstrong (Pat. 455)



Katherine T. Marshall (Pat. 607)

**ALL
TEN ROSES**

here illustrated

(\$23.75 value)

BARE ROOT

FOR ONLY **\$20.80**



Forty-niner (Pat. 792)



Sutter's Gold (Pat. 885)



Peace (Pat. 591)



Capistrano (Pat. 922)



San Fernando (Pat. 785)

For Lining Walks and Drives and for Rose Garden Accent, Plant . . .



TREE ROSES

Tree roses are the bush roses budded on straight clean stems of another variety. All suckers should be cut off at the base of the cane, and once a year the head should be thinned out and shortened.

Patented Tree Roses, Bare Root: \$6.00 each; 6 or more \$5.50 each. Non-patented, Bare Root: \$5.00 each; 6 or more \$4.50 each, Except Where Otherwise Noted. Slightly Higher in Containers.

Other Fine Varieties Available at Our Nursery.

BUCCANEER (Pat. 1119). Exquisite new semi-double yellow of medium size. A continuous bloomer that holds its color well.



CHARLOTTE ARMSTRONG (Pat. 455). If there is a "best pink", this undoubtedly is it. Perfect rose to cerise-pink blooms from April to November, on long cutting stems.

CHRISTOPHER STONE. A lovely velvety red, perfect in bud and flower, and delightfully fragrant. Excellent for warm climate.



CHRYSLER IMPERIAL (Pat. No. 1167). The new, much-heralded exhibition rose with rich crimson shades. Long lasting, ideal in bud, shape of flower, and foliage. Shown in color on page 26. \$7.50 each, bare root.

ETOILE DE HOLLANDE. Perfect buds opening to glorious brilliant red blooms. Fragrant and non-fading.

FIRST LOVE (Pat. 921.) The unique, long, slim buds and the delicate shades of pink have made this novelty rose a sensation. Ideal cutting stems guarantee good blooms for the house, too.



FORTY-NINER (Pat. 792). Vivid orient red changing to cherry red with age. Outside of petals chrome yellow fading to straw color.



FRED EDMUNDS (Pat. 731). Glorious blooms of vivid glowing coppery orange color. Rich fruity fragrance.



HELEN TRAUBEL (Pat. 1028). The color of this new 1952 creation varies with the weather, from a light, sparkling pink, to a gorgeous luminous apricot. The usually large, long buds, magnificent half-open to full-open flowers, displaying the attractiveness of all its lovely color, will delight everyone who sees it in your garden. Always in bloom.

MME. HENRI GUILLOT (Pat. 337). Artistic long urn-shaped buds open to 20-petalled blooms of blended orange, coral and red.

MARK SULLIVAN (Pat. 599). A harmonious combination of gold, rose-pink and cerise that deserves the term "spectacular"—plus probably the only honey fragrance in all rosedom.



Rose Tree, Peace



MOJAVE (Pat. 1176). It's a rarity that a new All-America winner is available in tree form at the year of its introduction. But here it is in the magnificence of its rare color hues from apricot orange to nasturtium red and even vermilion. It has good form, and fragrance, too, and its blooms last longer than most other roses. \$7.50.

MRS. P. S. DUPONT. Golden yellow buds open to clear yellow fragrant blooms.



PEACE (Pat. 591). Brilliant golden buds, changing in the open flower to lemon yellow edged soft rose, finally white and pink. One of the greatest roses of all times.

PICTURE. Velvety rose-pink flowers and buds with warm salmon undertones. Unusually free blooming.

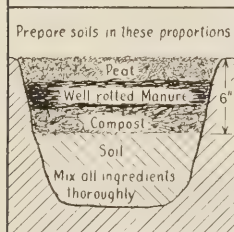
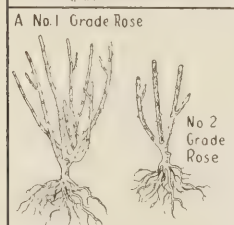
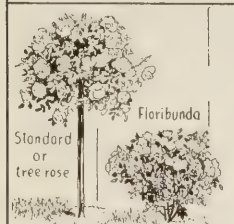
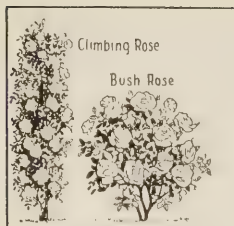
SNOWBIRD. A very fragrant, white rose with creamy center. Long, pointed buds.



SUTTER'S GOLD (Pat. 885). Truly a great rose with exquisite long pointed buds of rich yellow, shaded with orange and red, borne on long, strong stems. Big lusty plants, with disease-resistant foliage. Spicy fragrance.

HOW TO GROW ROSES

Other Planting Information on Pages 7 and 31



THE TWO MOST IMPORTANT factors in rose growing are buying top grade plants, and proper planting.

Roses prefer an open area, free of tree and shrub roots, where they get half a day or more of sun, preferably morning sun. Keep roots moist and covered when planting.

Most any well drained soil, not too acid or alkaline can be made into good rose soil. Prepare the holes for planting well in advance. Dig holes 2 feet deep and 18 inches across. Add to surface soil 10% peat, 10% rotted manure and 5% rotted compost. Mix well. When planting re-dig holes, build a cone-shaped mound in the center, spread roots over cone; bud union (bulge on understock where top is budded on the stock) slightly above level of the ground. Fill in, firming with feet; water thoroughly.

Roses are heavy feeders. Fertilize from mid-March to mid-September, using $\frac{1}{2}$ cup of well-balanced fertilizer per plant. Dig a trench around plant, fill with water. When water settles place fertilizer in trench, fill with water again and cover after water has settled. After first application of commercial fertilizer a mulch of well-rotted manure may be applied.

Roses require plenty of water. Keep beds moist at all times. Frequency depends on soil, from once or twice a week in sandy soil, to once in two weeks in heavy soil. Allow water to run slowly and soak deeply.

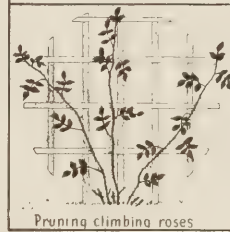
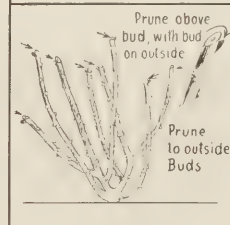
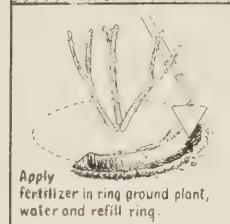
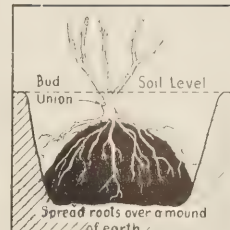
A generous supply of water will produce sturdy and more vigorous plants and will increase the quantity and quality of blooms.

Weeding is a garden job that never ends, but it can be greatly simplified by the use of a mulch. Peat moss, buckwheat hulls, compost, well-rotted manure or some appropriate shredded material, helps to keep down weeds and to keep the soil in the rose bed damp and cool. Where no mulch has been used, light cultivation of the surface soil will probably be necessary to remove weeds and prevent caking. Avoid deep cultivation which will damage small roots growing near the surface.

Spraying or dusting to control fungus diseases and insects is another important summer chore. Sprays or dusts should be applied at ten-day intervals during the early morning or late afternoon. During wet spells, the frequency should be increased as blackspot and mildew increase rapidly in these periods. Remember that the spray or dust must cover the underside of the leaves as well as the top to gain the maximum effect. Summer chores in the rose garden are neither difficult nor time-consuming, but they require regular attention.

January is the best month for pruning bush roses in California. As much as possible cut out the old wood and shorten back the new growth about $\frac{1}{2}$ of last year's growth. Cut out twiggy growth and cross branches. When cutting blooms leave 3 or 4 leaves with the top one pointing in the direction you wish the growth to go.

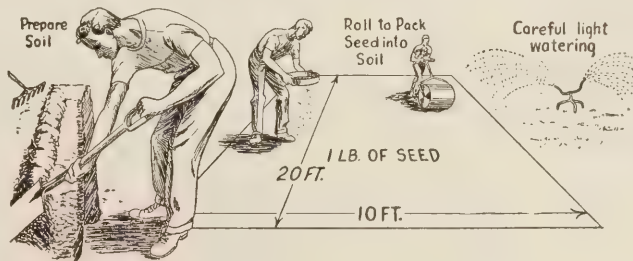
PRUNING CLIMBING ROSES. For the first two years after planting do not prune climbing roses. From third year on cut back all new growth $\frac{1}{3}$ right after the flowering period. Climbers which bloom once a year bloom on wood produced the previous year. Prune these right after flowering to allow a good growth for next year's flowers.



10 STEPS TO A BEAUTIFUL LAWN

Much has been written on the subject of planting a lawn, but the process should not be difficult if one follows a few general rules.

The soil should be fairly rich and friable. Often in our area it is necessary to add topsoil. This is available and of a good quality.



In other cases the addition of gypsum at rate of 3-4 bags per 1000 square feet, humus builder or peat moss will do the necessary job. In any event the procedure after the ground is prepared is the same. We suggest these 10 steps to a beautiful lawn.

1. Turn soil and water. After weeds have sprouted turn soil again and water. This cycle should be repeated until most of the weeds are gone. This generally requires about a month.
2. Rake and level.
3. Roll and level.
4. Fertilize, using about four pounds commercial fertilizer per 100 square feet. Not manure.
5. Scratch surface lightly and sow seeds. Roll again thoroughly.
6. Apply light mulch of finely shredded Canadian Peat at the rate of 600 to 1,000 square feet per bale. Roll lightly.
7. Water with fine spray. Don't allow water to wash the peat or seed.
8. **Keep moist at all times.** Water with fine spray.
9. Some grass will appear in from 5 to 7 days. Others may take up to 3 weeks.
10. Cutting should not be done until the grass is from 2 to 3 inches high.

We Offer the Finest LAWN SEED Our salesmen are fully qualified to suggest the type and mixture for your particular problem. See us when you plant a new lawn or wish to renovate an old one. Lawn rollers and mowers, seeders and fertilizer spreaders available.

Soil builders, such as peat moss, leaf mold and cow manure, are also items that every garden needs. We handle only the best in this line. Insecticides and Fertilizers are necessary items of good plant growth and appearance. See our complete selection at the nursery.

Ideal for Shade and Beautiful Spring Color

DECIDUOUS FLOWERING TREES

FLOWERING CHERRIES

Flowering Cherries are known for the exquisite character of their prolific bloom, but their bright green foliage is prized as well.

Bare Root \$3.75 up. Higher in Container.

Daybreak (Akebono). Called the most beautiful tree in the world, this erect growing tree is a cloud of pink every spring with no leaf showing. A magnificent single.

Kwanzan. Small, spreading tree producing enormous double pink blooms in heavy clusters.

Mt. Fuji. Large, snowy white double flowers produced in abundance.

Stribling's Pink. Single apple blossom pink of great charm and abundant bloom.



Flowering Crabapple

WEeping CHERRIES

Exquisite for lawns and small grounds, the gracefully cascading, slender branches are very effective. Available in pink, single or double. \$7.50 up.

FLOWERING PEACH TREES

Bare Root, \$2.50 up. Higher in Containers.

Beautiful low growing trees wonderful for spring bloom before the leaves. Large double flowers in great masses, clothe every stem. Excellent for cutting. After bloom is over prune heavily for next season's bloom. Hardy. Available in early and late forms of red, pink, and white.

HAWTHORN

All Hawthorns Bare Root \$3.50 up. Higher in Containers.

Crataegus Autumn Glory. Small to medium sized tree with shiny attractive foliage. White flowers in spring, large crimson fruits in fall.

Crataegus, Paul's Scarlet. Masses of double carmine-red flowers in spring. Red berries in fall.

Crataegus Cordata (Washington). White flowers, grows up to 20 feet high. Clusters of small red berries in fall.

FLOWERING CRABAPPLE

Bare Root, \$3.00 up. Higher in Containers.

Malus scheideckeri. Double pink; yellow fruit.

Malus eleyi purpurea. Purple-red blossoms, leaves reddish when young. Fruit dark wine-purple.

Malus ioensis plena, Bechtel Crab. Small tree to 15 feet. Crowded in spring with large, fragrant, double pale pink flowers. The bright green leaves which follow are neat all year.

Malus floribunda. Tall, slender tree with graceful branches. Flowers large, single, typical apple blossom pink.

Malus hopa. Red buds, flowers and fruit.

FLOWERING DOGWOOD

Cornus florida, White Flowering Dogwood. Small tree, most effective in shaded locations for the attractive white flowers. Petals, like the Poinsettia, are bracts encircling the tiny flowers in the center. Early spring. \$4.50 up.

Cornus florida rubra, Pink Flowering Dogwood. The most spectacular with light red or pink flowers. Use peat or leaf mold in the soil to insure an acid reaction. Partial shade. Grafted. \$6.50 up.

PURPLE-LEAVED PLUMS

Priced \$3.00 up. Higher in Containers.

Prunus Blireiana. Brilliant red foliage later turning greenish. Dainty soft pink flowers line the long slender stems in spring.

Prunus pissardi, Purple Leaf Plum. Small tree, deep purple leaves and small pale pink flowers in spring. Deep red branches and twigs are interesting even in winter.

Prunus Thundercloud. Really lives up to its name. Masses of early white flowers followed by bronzy-purple foliage holding color throughout the summer.

LOCUSTS

Robinia decaisneana, Pink Locust. Tall rapid growing variety of Black Locust with long racemes of fragrant pink flowers. Bare Root, \$3.00 up.

Robinia pseudoacacia, Moraine Locust. This variety is grown more for its merits as a shade tree than a flowering tree, but its beautiful form and clean habits have made it in a short time one of the most popular landscaping trees. Bare Root, \$7.50 up.



Prunus Blireiana

BEAUTIFUL SPRING COLOR AND PLEASING SHADE

California-Grown DECIDUOUS SHADE TREES

The trees listed here are called deciduous because they naturally lose their leaves during the winter months. All are hardy anywhere, unless minimum temperature is indicated. All are easy to grow and some make very rapid growth. Shade trees from **dormant bare root** stock are available for planting from December to mid-March. In any other season, most varieties are available growing in containers at slightly higher prices.

Bare Root, \$3.00 up; in containers \$3.75 up, depending on size and variety.

SILK TREE—ALBIZZIA

Albizzia julibrissin. The flowers are pink, with heads crowded on the upper end of the branches.

MAPLE

Acer dasycarpum, Silver Maple. Very rapid growing large shade tree. The under side of the leaves are a silvery white, hence the name Silver Maple. Turns golden yellow in fall.

Acer platanoides, Norway Maple. The hardy nature of this tree as well as its beautiful deep green foliage and well-shaped head makes it an outstanding shade or street tree.

Acer rubrum, Red Maple. The leaves are long and shiny. The flowers are red and come before the leaves. Valuable as a street tree or park tree. Good fall color on leaf.

Acer Schwedleri (Purple-leafed Maple). The most colorful of the large maples. The buds are of brilliant orange, followed by young, coppery foliage. The mature leaves are stained deep purple.

BIRCH

Betula alba, European White Birch. Popular fast growing tree with beautiful white bark marked with horizontal black lines. Light green foliage shimmers with the slightest breeze. Fine near pools or against dark trees.

Betula alba laciniata, Cut Leaf Birch. Graceful weeping branches and delicately cut leaves make this an exquisitely beautiful tree for lawn planting. Bark same as White Birch and most effective against a dark background.

ASH

Fraxinus velutina glabra, Modesto Ash. Compact, rapid growing tree with dense bright glossy green foliage. It comes out early in the spring, does not have any bothersome seed pods to clean up, and sheds its leaves late in the fall. Of intermediate size, it is very desirable for parkways, avenue and garden planting. The Modesto Ash does equally well in coastal, valley and desert areas. 25-35 feet. 0°.



Modesto Ash

TULIP TREE

Liriodendron tulipifera. Tall growing symmetrical tree with straight trunk and dark green leaves. Flowers are greenish-white, cup-shaped. Desirable shade tree. Always neat and trim.

TEXAS UMBRELLA TREE

Melia azedarach umbraculiformis, Texas Umbrella. Rapidly growing to about 35 feet, forms a flat-topped, umbrella-like crown of dense fern-like leaves. Panicles of lavender flowers in summer. Not recommended for coastal areas.

STRIBLING'S MULBERRY

Morus alba Striblingii. An outstanding, non-fruiting Mulberry. The finest permanent shade tree for very rapid growth and dense shade. The large sycamore shaped leaves are of a rich, shiny dark green color above and lighter green beneath. This variety, being deciduous, bears absolutely no fruit. This makes it ideal for avenue, park, and landscape plantings. Small, male flowers form, but they soon drop off. Height 30 to 40 ft. 5° below zero.



Stribling's Mulberry



Silver Maple

SWEET GUM for Fall Color

Liquidambar styraciflua. Slow growing tree with maple-like leaves useful in parkway planting or as lawn specimens. Clean, neat growth but glorious in November and December when arrayed in its autumnal orange, red and gold.

CHINESE PISTACIO

Pistacia chinensis. The California climate accommodates this native of China very well. It is a beautiful shade tree, growing to 60 feet high, of stately appearance. Excellent for vivid fall color.

SYCAMORE or PLANE TREE

Platanus orientalis, European Sycamore. Handsome symmetrical shade tree. Dense light green maple-like leaves and greenish white mottled bark on older trees. One of the best, widely planted street trees for California. **Platanus racemosa, California Sycamore.** See Natives, page 6.

POPLAR

Populus nigra italica, Lombardy Poplar. Tall slender column excellent as a tall accent tree. Requires little room to grow. Frequently used as windbreak, or street trees.

Populus canadensis, Carolina Poplar. A large, fast-growing, robust tree providing a good shade quickly. Hardy and easy to grow.

Populus alba Bolleana, Silver Poplar. Tall and slender like the Lombardy, but with silver-gray effect in its foliage.

OAK

Quercus palustris (Pin Oak). Very fine street tree, tall with gracefully drooping branches. Deeply lobed foliage with sharp points.

Quercus rubra (Red Oak). An excellent tree of rapid growth. Foliage turns russet and copper in autumn.

WEeping WILLOW

Salix babylonica. Grows to 30 feet with long drooping branches. The leaves are finely toothed, greyish-green beneath.

Niobe, Golden Weeping Willow. Golden bark, graceful weeping habit.

ELM

Ulmus pumila, Chinese Elm. Very rapid growing, extremely hardy tree. Tolerant of most soil and water conditions. Holds leaves late.



Southern Magnolia



California Live Oak (*Quercus agrifolia*)



Loquat

California-Grown **EVERGREEN TREES**

The trees in this group are widely planted in California for street and shade trees, as lawn specimens or for the lovely flowers of some kinds. The year around foliage is excellent to conceal objectionable views from the house and garden. In this list you will find trees for any possible purpose. All are hardy in California except at higher altitudes. Most varieties available in specimen sizes.

ACACIAS

All Acacias: Gal. \$1.50; 5 gal. \$4.50.

Acacia baileyana. Popular small tree with feathery blue green foliage and clouds of light yellow fragrant flowers in spring. The seed pods, which follow, are light lavender purple and give a nice misty tone to the trees. 10°.

Acacia latifolia. A large shrub or tree for hiding objectionable views. Leaves long and narrow, polished and densely clothing the stems. Flowers golden yellow. 18°.

CAMPHOR

Camphora officinalis, Camphor Tree. Widely planted street tree with round top of light green foliage, aromatic of camphor when crushed. Trees often make a delightful tracery of lower branches. 18°. 5 gal. \$4.75 up.

CAROB

Ceratonia siliqua, Carob (St. John's Bread). Rounded tree with neat dark green foliage. Much planted as a street tree. Free of insects and diseases. Drouth resistant. 21°. 5 gal. \$4.75 up.

LILY OF THE VALLEY TREE

Crinodendron dependens. A native of Chile, this tree, growing to a height of about 30 feet, earns its popular name to the characteristic of its white flowers. The relatively small, elliptic leaves are 2½ inches long, but clothe the tree with great ornamental effect. 5 gal. \$5.00 up.

LOQUAT

Eriobotrya japonica, Loquat. Although essentially a fruit tree prized for its fruits in early summer, this round headed tree is often desirable in the background planting. Long leathery leaves, woolly beneath. 5 gal. \$4.75 up.

EUCALYPTUS or GUM TREES

All Eucalyptus, Gal. \$1.50; 5 gal. \$4.50 up.

Eucalyptus globulus compacta, Blue Gum. Rapid growing tree with broad blue leaves later turning deep green. Much planted for windbreaks and a source of firewood. Hardy.

Eucalyptus polyanthemos. Small tree, slender, graceful. Round leaves gray-green on drooping branches. Hardy.

Eucalyptus sideroxylon rosea. This beautiful moderately sized tree delights us with silvery foliage and a profusion of light pink flowers.

MAGNOLIA

Magnolia grandiflora, Southern Magnolia. Large growing evergreen trees always neat in their glossy foliage. The immense white fragrant water-lily-like flowers appear throughout the summer. Give generous amounts of water for better blooms. 5 gal. \$4.75 up.

Magnolia grandiflora, St. Mary's. Dwarf type of the grandiflora. Gal. \$3.50; 5 gal. \$10.00.

LIGUSTRUM

Lagustrum japonicum. Fast growing, with broad, dark green, pointed leaves and creamy white panicles of flowers. Leave untrimmed to allow to grow into about 8 ft. tree. Often used for tall hedges; well foliated to the ground. Tree form: 5 gal. \$5.00 up.

OLIVE

Mission and Manzanillo varieties. The ornamental value of Olives has been recognized a long time. The old gnarled, picturesque grey trunks and wide spreading masses of greyish green foliage are a prize in themselves. Even if we don't grow them for the fruits an olive grove with trees 25 feet apart in even rows is attractive beyond description. Olives almost thrive on neglect once they are established Hardy. 5 gal. \$5.00 up.

CALIFORNIA LIVE OAK

Quercus agrifolia. See natives, page 6.

PEPPER TREES

Schinus molle, California Pepper Tree. Rapid growing trees with gnarled trunks and graceful weeping branchlets of feathery texture; have long been popular in California. Pretty with their red berries in winter. Hardy, thriving in poor, light soil. 5 gal. \$4.75 up.

EVERGREEN ELM

Ulmus sempervirens. Small tree with spreading crown of slender drooping branches and bright green leaves. Rapidly becoming popular as a street and shade tree. Generally ideal for small homes. Hardy, but not evergreen in colder sections. 24°. 5 gal. \$4.50 up.

PLANTS NEED FOOD TOO — SEE US FOR ALL YOUR GARDEN NEEDS

PLANTING GUIDE

How to Plant Canned and Balled TREES and SHRUBS

WHEN PLANTS are in cans, they may be removed by cutting down two sides of the can with tin snips or chisel and pulling the sides apart so that the can comes off easily. Handle so as not to break open the ball of earth.

Pots may be removed by the following method: Place four fingers against the surface of the soil, invert the pot, tap lightly against something solid and out come the contents in your hand in one solid piece.

In every case, the soil in the container should be fairly moist so that it will hold together and care should be used to keep all the earth possible on the roots.

For plants in gallons and 6-inch pots, dig a hole approximately 15 inches by 15 inches. For plants in 5-gallon or 9-inch pots, dig a hole approximately 24"x24".

In all cases, plants should be planted in the ground at about the same level as they were in the container.

After the hole is partially filled, use water generously before filling the hole with top soil so that the water will settle the soil and eliminate all air pockets.

BALLED PLANTS should be handled by lifting the ball and not the top.

Dig a hole large enough to hold ball and permit firming the earth around it. Place plant with top of ball even with the surface of the ground. Do not remove burlap. Fill in about 1/3 with soil, then cut top string and fold back corners of burlap. Fill the hole with water and, when soaked in, throw in the remainder of the soil. Firm the soil well, leave a shallow basin and fill again with water. Water again to assure thorough soaking of the ball. Do not rely on sprinklers or sprinkling system to do this until plant is well established.

Never place commercial fertilizer in the hole when planting. Small quantities of fertilizer may be applied when plants are thoroughly established and growing.

How to Plant

CITRUS TREES

Should be planted in spring or early summer in a sunny, open location, at least 15 feet from other similar sized trees. Follow the same planting procedure outlined for other balled plants. Next build a rim of soil on top of ground at outer edge of hole and fill with water immediately. Follow with second watering within 2 or 3 days and with a third, 10 to 15 days later. Subsequent irrigations should be made

only as soil becomes dry. Little fertilizer is necessary during the first few months after planting.

BARE-ROOT FRUIT TREES

Plant in sunny well drained soil. Break up subsoil and thoroughly pulverize top soil. Use no fertilizer at planting time. Prune and plant as shown in illustrations at right. Settle the dirt by slowly running water into basin. Follow by another heavy watering in two days after planting.

How to Plant GRAPES, BERRIES and OTHER SMALL FRUITS

Grape Vines. Plant grape vines in full sun 8 feet or more apart. Dig a hole no less than 1 foot wide and 2 feet deep. Before planting the vine cut back basal roots to 5 inches and remove all others. Cut back top of 2 or 3 eyes. Plant vine deep enough to leave the bottom eye just above the surface of the ground, and loose top soil placed around the roots. Fill in hole and water immediately.

Strawberries. Cut roots back halfway, and spread when placing in ground. Crown must be level with soil surface. Plant 1 foot apart on ridges 18" wide, 2 rows per ridge. Use plenty of water when planting and in production. Do not fertilize until 2 months after planting, then use good commercial fertilizer between ridges and soak well. Trimming runners will increase yield. Plant 50 plants for each person.

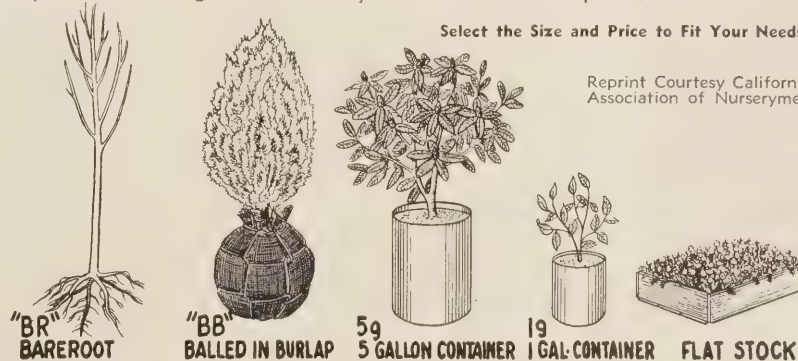
Boysenberries, Youngberries, Loganberries. Against fence, wall or arbor, set plants 6 to 8 ft. apart. Cover roots and keep moist. Canes grown the first year

produce crop following year. Water well during harvest and summer months. Average family requires at least 6 plants, assorted. Fertilize Spring and Fall. Wire supports, shown in diagram, increase the bearing surface. Plants are looped over the top, back around second and third wires loosely, giving sunlight and air access to blossoms and buds. This is also the best commercial practice, planted in rows 8 ft. apart, 5 ft. to the row. An acre will support about 1,100 plants; requires 15,000 ft. No. 13 wire; 310 stakes 2"x2"x6" and 50 anchors 3". Guy stake is placed between last 2 stakes in row, making short turns easier with tractor.

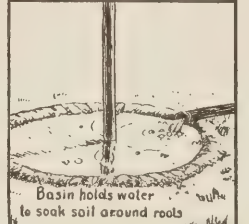
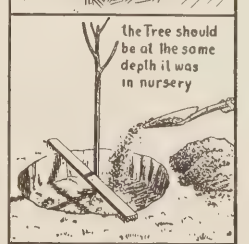
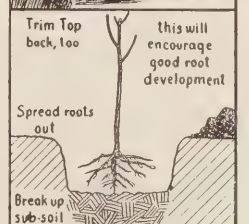
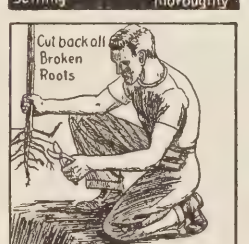
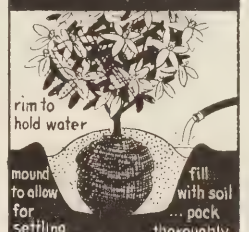
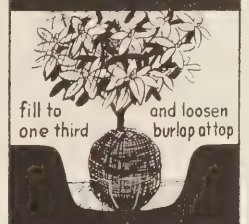
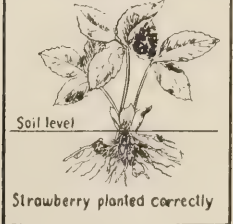
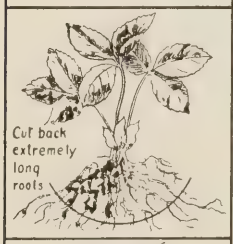
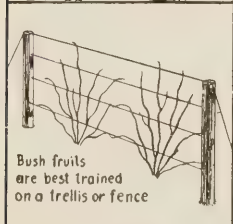
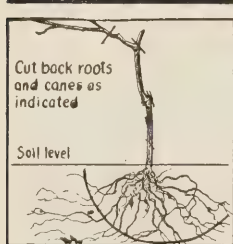
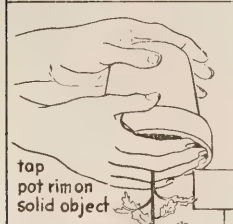
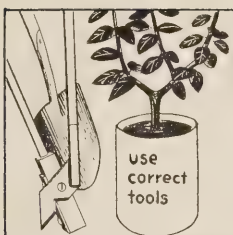
Raspberries. Plant 2 ft. apart in rows 4 ft. apart. Cut back canes to 3" or 4" and set roots deeply in loose soil. Keep moist. First season's growth produces crop following year. After harvest cut old branches to 12"-18". Water freely; apply plenty of manure mulch in Fall, commercial fertilizer in Spring. Average family requires at least 2 dozen plants.

Select the Size and Price to Fit Your Needs

Reprint Courtesy California Association of Nurserymen



Other Planting Information on Pages 7 and 27



California-Grown VINES



Clematis
Ramona

VIRGINIA CREEPER

Ampelopsis quinquefolia, Virginia Creeper. Large five fingered leaves turning intensely scarlet in fall. Rapid climber, clinging to fences, very hardy, therefore useful in the mountains. Very hardy and deciduous. Gal. \$1.50.



If you are looking for Climbers, don't miss the CLIMBING ROSES on page 23! They are excellent wall, trellis and fence covers.

Vines should be considered in all plantings, some for their foliage and others for their exquisite bloom. There are vines that will cling to masonry and wood without any additional support such as Ampelopsis, Ficus and English Ivy. Others are dependent on trellis work on which they will naturally twine—Cissus, Honeysuckle, Bignonia and many others. They are extremely valuable to add interest to blank walls, to provide shade or arbors and summer houses, others to cover fences and walls. Many have useful and colorful bloom. All are hardy unless indicated.

BOSTON IVY

Ampelopsis veitchi, Boston Ivy. Clings to any rough surface without help, covering large areas with delicate light green foliage, which in fall turns many brilliant hues of red. Very hardy and deciduous. Gal. \$1.50.

TRUMPET VINES

All Bignonia (Trumpet Vines): Gal. \$1.50;
5 gal. \$5.00.

Strong, rapid growing evergreen climbing vines useful in many places for their ability to cover large areas and for the showy trumpet-shaped bloom. Will stand temperatures to about 25°.

Bignonia chamberlayni, Yellow Trumpet Vine. Strong growing, evergreen vine with clusters of showy, yellow-orange trumpet-shaped flowers. An ideal cover for fences, etc., where it is desirable to get a quick cover. Self supporting.

Bignonia cherere. Perhaps the showiest of the group. Free growing vine with deep green glossy evergreen foliage and large clusters of 4-inch trumpets; bright red with yellow throat and tints of lavender on the tubes. Reliable bloom. Somewhat tender. 25°.

Bignonia violacea, Painted Trumpet Vine. An excellent vine for sunny or shady places. Produces quantities of delicate lavender trumpets with deeper veins. Always dainty and nice. Fine glossy foliage. Hardy to about 19°.

BOUGAINVILLEA

No vine is more typical of California than Bougainvillea with its lavish display of color, from the dry desert regions to the sea coast on Spanish type houses and over walls and fences. In planting be careful not to break ball of soil when removing from containers. This injury may cause them to die. We suggest cutting off the bottom of the container and planting with the side intact, allowing the metal to rust away. Otherwise they are free and rapid growers. Tender, particularly new growth.

Bougainvilleas: Gal. \$2.00;
5 Gal. \$5.00 and up

Bougainvillea Barbara Karst. This variety produces more blooms than any other bougainvillea. The large, brilliant red flower-bracts are produced in massive clusters most of the year.

Bougainvillea braziliensis. Large showy rosy-purple flowers of a pleasing color produced in quantity most of the year, heaviest show in winter and spring. Hardest of all. Sun. 25°.

Bougainvillea San Diego Red. Vigorous growing vine with brick red flowers. Slow to bloom but after planting quickly makes a rapid growth and becomes very floriferous. Tender, 28°.



Clematis, Mme. Edouard Andre

CLEMATIS

Clematis are woody, deciduous climbing vines of dense but loose foliage and with single petal-like flowers, where flat, wide open appearance has a peculiar charm. Very satisfactory as cut flowers.

Clematis armandi. An evergreen native of China with large white flowers in spring and vigorously climbing leathery foliage. Gal. \$3.00.

Clematis jackmani. Purple. Attaining the length of 10 feet, it is a rapid climber and blossoms freely. Gal. \$2.00.

Clematis henryi. Creamy white. The large white flowers and intense green foliage present a striking appearance. Blossoms in late July or early August. Gal. \$2.00.

Clematis Mme. Andre. Red. Grows to a height of 8 feet. It is a free and persistent producer of crimson flowers from July to September. Gal. \$2.00.

Nelly Moser. Mauve with red bars. Gal. \$2.00.

Prins Hendrik. Orchid-blue. Gal. \$2.00.

Clematis Ramona. Light blue. Grows from 8-10 feet, the blossoms appearing in July and lasting for several weeks. Its clear, sky-blue flowers give it a charm all of its own. Gal. \$2.00.

Other Varieties Available

CREEPING FIG

Ficus repens. Wonderful rich green, heart-shaped leaves. Hardy, vigorous growth. Clings closely to walls. Gal. \$1.25.

AND CLIMBERS

CAROLINA JESSAMINE

Gelsemium sempervirens. Beautiful ever-green twiner. Small tubular yellow flowers with an elusive fragrance and wide flaring mouths cover the vine in great abundance during late spring and early summer. Sun. 20°. Gal. \$1.50; 5 gal. \$5.00.

IVIES

All Ivies: Gal. \$1.50 up; 5 gal. \$5.00 up; Flats \$7.50 and up

Hedera helix, English Ivy. English Ivy makes a delightful ground cover of glossy dark green leaves. It is useful to train over a wire fence whence it makes a dense impenetrable hedge needing little care. Useful for pot culture indoors, in pots and shade houses. Sun or shade.

Hedera canariensis, Algerian Ivy. Particularly adapted to warm climates. Dark green, unusually large, leathery leaves make this ever-green vine most desirable. Used to cover masonry or as a ground cover in partially shaded places.

Hedera canariensis variegata. The leaves are variegated with white in many interesting patterns. A nice vine to use against dark walls where the white and green make a lively combination.

Hedera Hahn's Branching. Excellent small-leaved variety particularly suited for window boxes or pot culture.

JASMINES

All Jasmines: Gal. \$1.50, 5 gal. \$5.00

Jasminum primulinum, Primrose Jasmine. Fast growing old-fashioned vine with double yellow flowers in winter. Fine for covering steep unsightly banks. Minimum of water. Sun. Hardy.



Bignonia Violacea

CLIMBING HONEYSUCKLE

Lonicera halliana, Hall's Japanese Honeysuckle. An old favorite. Vigorous vine useful for its evergreen foliage and soil binding roots as a ground cover or on fences. Fragrant flowers white, fading to yellow. Very hardy. Gal. \$1.50.

Lonicera hildebrandiana (Burmese Honeysuckle). Large dark green foliage; fragrant yellow flowers. Tender, 24°. Gal. \$2.50 up; 5 gal. \$6.00.

PASSION VINE

Passiflora Pfordti. Graceful ornamental vine with large 4 to 5-inch flowers showing white with shades of lavender or pink in the petals, deep blue corona and green flower parts. Give it a place of prominence on arbor, fence or trellis. 25°. Gal. \$1.50; 5 gal. \$5.00.

SILVERLACE VINE

Polygonum auberti. A rapid growing deciduous vine. Supplies panicles of fragrant flowers in late summer. Will cover a large area in a short time. Sun or part shade. Particularly desirable in cold locations. Gal. \$1.50.

POTATO VINE

Solanum jasminoides (Potato Vine). Shrubby climber, growing to 10 feet. The flowers are star-shaped and are white tinged with blue. 22°. Gal. \$1.50.

TRUMPET VINES

Tecoma jasminoides rosea. Foliage a lovely bright green, not heavy nor too rampant, and producing large clusters of pale pink trumpets each with a ruby red throat. 24°. Gal. \$1.50 and up; 5 gal. \$5.00.

Tecoma capensis, Cape Honeysuckle. Leaves are shiny deep green, always neat in appearance and very nice with the clusters of bright orange-red flowers, suggestive of honeysuckles. Hardy to 24°. Sun. Gal. \$1.50 and up; 5 gal. \$5.00.

STAR JASMINE

Trachelospermum jasminoides, Star Jasmine. Evergreen vine bearing clusters of showy white star-like flowers with lovely fragrance. One of the finest vines for shady places. Also excellent for ground cover plantings. Grows equally well in sun. Flowers June and July. Particularly fragrant in the evening. Splendid foliage. Excellent in tubs. Hardy. Gal. \$1.50; 5 gal. \$5.00.

WISTERIAS

Deciduous vines well known in all parts of the country for their long hanging clusters of pea-shaped flowers of delicate coloring and exquisite fragrance. Makes a delicate tracery of stems on arbors and in spring, before the leaves appear in a sudden burst of color. Grafted plants.

Bare Root \$3.00 and up; 5 Gal. \$4.75 and up

Wisteria longissima. This beautiful light lavender variety possesses longer racemes than most varieties.

Wisteria longissima alba. Same as above, but white-flowering.

Wisteria sinensis, Chinese Wisteria. Fragrant flowers of royal blue in attractive racemes.

Wisteria sinensis alba, White Chinese Wisteria. Racemes are long, pure white.

Wisteria floribunda rosea, Pink Wisteria. Rose pink racemes, suffused with shell pink.

Wisterias in tree form are available at our nursery, \$10.00 and up.



Bougainvillea Barbara Karst

When you plan your garden, consult our helpful "WHAT AND WHERE TO PLANT" chart on page 7.



Wisteria



Deodar Cedar

STATELY CEDARS

***Cedrus atlantica glauca* (Blue Mt. Atlas Cedar)**. Stiff branches held somewhat upright until trees are mature; well clothed with strikingly beautiful blue-green needles.

***Cedrus deodara*, Indian Cedar**. Widely planted in California for its magnificent shape and light green foliage. Many are used as living Christmas Trees, for avenue planting and specimens where sufficient room is available.

Cedrus deodara compacta. Compact growing type of Deodar.

CALIFORNIA INCENSE CEDAR

Libocedrus decurrens. This native of the Pacific Coast is of vigorous growth with foliage similar to *Arborvitae*. Since it retains its pyramidal form in maturity it is especially suited as an accent plant.



California Incense Cedar

CONIFEROUS EVERGREENS

The coniferous evergreens all have either needle-like or scale-like leaves, and most all have cones for fruits, except Junipers and Yews which bear berries. All forms and shapes are available from low spreading Junipers, formal little *Arborvitae*s, through medium sized shrubs to very large trees. They are a hardy lot, thriving from the mountains through the warm valleys to the sea coast.

Available in containers: Gal. \$1.50 up
Balled and Burlapped and 5-Gal.: \$4.50 up, according to size and variety

LAWSON CYPRESS

Chamaecyparis lawsoniana alumi. Dense growing blue form. Suitable for accents in the foundation planting.

Chamaecyparis lawsoniana ellwoodii. Slow and dense growing, this is one of the finest evergreen shrubs available. It is always neat in appearance and the plummy, soft blue-green foliage is attractive the year around.



Green Lawson Cypress

***Chamaecyparis lawsoniana nidiformis* (Birds-nest Cypress)**. The low spreading habit gave this unusual cypress its very apt name. Very charming in appearance. Just right for foreground planting.

***Chamaecyparis lawsoniana stewarti* (Golden Lawson Cypress)**. A dense, symmetrical, pyramidal tree that keeps its golden-hued color well in all seasons. Covered with lustrous, rich foliage right down to the ground.

***Chamaecyparis obtusa nana* (Dwarf Hinoki Cypress)**. Low, globular plant with dense overlapping fronds of soft, deep green. Very slow growing and one of the best shrubs for an accent in foundation or garden.

CYPRESS

***Cupressus arizonica* (Arizona Cypress)**. Narrow pyramidal tree with blue green foliage. Makes a fine windbreak in the warmer sections or used as a specimen.

***Cupressus Forbesi* (Forbes Cypress)**. The new substitute for Monterey Cypress for hedge planting. Introduced because of its resistance or immunity to the fatal cypress fungus. It is identical to the Monterey Cypress in growth and appearance. Available in flats for hedge planting.

***Cupressus macrocarpa* (Monterey Cypress)**. Most popular cypress in California and generously used as a hedge or windbreak. It becomes very picturesque when wind blows its long-reaching branches clothed in deep green foliage. Stands shearing very well.

***Cupressus sempervirens* (Italian Cypress)**. Tall slender spires of deep green invaluable as accents in planting. Useful along private driveways. Narrow compact type grown from cuttings only.

THE VERSATILE JUNIPERS

ERECT TYPES

***Juniperus torulosa*, Hollywood Juniper**. An irregular growing shrub with decidedly Japanese outline. Beautiful in rock garden backgrounds or as specimens where the form and dense tufts of green show to advantage.

***Juniperus excelsa stricta* (Chinese or Greek Juniper)**. A silver-gray pyramidal form of Chinese Juniper.

***Juniperus chinensis pyramidalis* (Chinese Column Juniper)**. Column shaped form of Chinese Juniper.

***Juniperus communis hibernica* (Irish Juniper)**. Column-shaped form of Juniper with upright, silvery green branches.

SPREADING TYPES

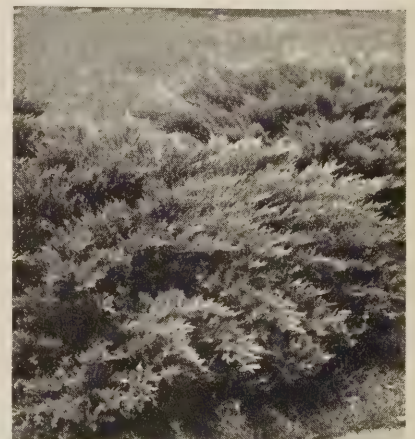
***Juniperus pfitzeriana*, Pfitzer Juniper**. Bushy, with wide-spreading horizontal branches, ultimately 5 ft. high, 6-7 wide. Junipers can be restricted in growth by pruning. Useful in foundation planting when grown into formal shrub.

***Juniperus pfitzeriana armstrongi* (Armstrong's Juniper)**. A select, excellent type of Pfitzer Juniper. Compact and bluer, softer foliage.

***Juniperus pfitzeriana aurea* (Golden Juniper)**. Golden yellow foliage. Upright growth.

Juniperus procumbens. Wide-spreading creeping stems, bluish green. Sharply pointed leaves, marked on the upper surface by two white lines. It is perfectly hardy.

***Juniperus sabina tamariscifolia* (Tamarix Juniper)**. Spreading close to the ground with blue-green short needles. Good in contrast to the above. Useful as a low shrub for foundation planting.



Tamarix Juniper



Juniperus Chinensis Pyramidalis

PINE TREES

***Pinus canariensis*, Canary Island Pine.** Narrow symmetrical tree with horizontal branches evenly spaced in whorls about the straight trunk. Long needles, large tufts. One of the best for California.

***Pinus halepensis*, Aleppo Pine.** Dense, spreading tree with short dense needles. Widely planted and thriving on neglect.

***Pinus mugo mughus*, Mugho Pine.** Grows to 2 feet. Branches are upright, dense and spreading. Very useful in foundation planting and rock gardens. Very slow grower. Hardy.

***Pinus radiata*, Monterey Pine.** Tall bushy symmetrical tree with deep green foliage. Rapid growth, succeeds anywhere in California.



Mugho Pine



Berckman's Golden Arborvitae

SEQUOIA—The Redwood

***Sequoia gigantea*, California Big Tree.** Beautiful trim pyramidal tree with blue green foliage. Thrives anywhere except on the desert.

***Sequoia sempervirens* (Coast Redwood).** More rapid growing, this cousin of the Big Tree has longer needle-like dark green leaves and the same bright reddish bark. In young trees the branches fall gracefully and fan out at lower levels.

SPRUCE

***Picea excelsa* (Norway Spruce).** One of the best types for "Living Christmas" trees, especially as a lawn specimen. Growth very symmetrical, opening enough to decorate with lights. Dark, rich foliage. Moderate growth.

***Picea pungens* (Colorado Spruce).** Stiffer in appearance and much slower growing than others. Makes an excellent outdoor Christmas tree or small specimen.



Colorado Blue Spruce

ARBORVITAE

***Thuja aurea nana*, Berckman's Golden Arborvitae.** Popular dwarf golden variety. Tips of the branches bright golden yellow throughout most of the year. Hardy to cold and dry conditions.

***Thuja beverleyensis*, Golden Column Arborvitae.** Tall, narrow bright golden yellow column. Requires full sun to keep the color. Fine as specimen shrub.

***Thuja occidentalis pyramidalis*.** The leaves roughly fan-shaped, have a fragrant odor and grow compactly; attractive in all stages of life.

***Thuja orientalis bonita*.** This slow growing pyramidal evergreen has bright green foliage arranged in plaits from top to bottom, giving it a dressed up appearance.

***Thuja occidentalis ellwangeriana*, Tom Thumb Arborvitae.** Dwarf form with distinguishing abundant needle-like foliage.

***Thuja occidentalis woodwardi*, Woodward's Arborvitae.** Dense globular form with deep green foliage.



Pinus Radiata, Monterey Pine

YEW

***Taxus baccata fastigiata* (Irish).** Narrow columns of deepest green foliage. Slow upright growth. An excellent plant for accents.

***Taxus baccata* (English Yew).** Dark green foliage, upright growth. Grows best along coastal regions.

California-Grown **DECIDUOUS**



Apple, Red Delicious

In these times, with high prices of fruits and vegetables, as well as other commodities, many are turning to home gardening as a means of cutting the cost of living. And rightly so, for the quality of home grown fruit is much superior to that from the market. These few back yard trees add a glorious touch to the spring garden with their handsome blossoms and later with their colorful fruits.

Trees are priced bare root at \$1.75 and \$2.00. Slightly higher in containers.

ALMONDS

For best results, two different varieties should be planted in close proximity for cross pollination.

✓ **JORDANOLA.** A recent introduction. Bears abundant crops of large, long, soft-shelled nuts.

✓ **NE PLUS ULTRA.** Popular kind with large soft shelled nuts. Pollinates Nonpareil.

✓ **NONPAREIL.** The leading commercial variety. Popular for its paper thin shells.

APPLES

Apples are a satisfactory home garden fruit in this area. Ornamental as well as fruitful.

✓ **GRAVENSTEIN.** Summer ripening apple of medium size. Skin yellow with red stripes. White flesh. Excellent for cooking and eating.

✓ **JONATHAN.** Fall ripening medium size apple with crisp, juicy flesh. Solid red when ripe. Bears when young. October.

✓ **NEWTON PIPPIN.** Very large rounded apples. Late ripening. White flesh, sharp flavored, is fine for eating if fruit is picked early. One of the best cooking apples.

✓ **RED DELICIOUS.** Large tapered fruits of exceptionally deep red color. Most delicious of all eating apples. Late.

✓ **RED ROME BEAUTY.** Very good apple for cooking. Bright red in color. Ripens very late.

✓ **WINESAP.** Medium; dark red; prolific bearer. Best keeping apple. Good market variety in West.

✓ **YELLOW DELICIOUS.** Similar to the popular Delicious apple but the skin a deep rich yellow. Better for our warmer climate than the red variety.

CRABAPPLE

✓ **Transcendent.** Good size, August ripening. Yellow fruits blushed red. The best variety for California.

*Plant
Your
Own
Family
Fruit
Supply*



Apple, Yellow Delicious

*Insist
on
California
Grown
Nursery
Products*



←
Bing
Cherries



Apricot, Royal

FRUIT TREES



Gold Dust Peach (Pat. 1144)

CHERRIES

Either Black Tartarian, Montmorency or English Morello must be planted with Royal Anne or Bing to insure pollination.

↘ **BING.** Large heart-shaped sweet fruits. Glossy skin. Firm flesh, almost black. Fine canning variety. June.

↘ **BLACK TARTARIAN.** Sweet juicy purplish black cherry. Heavy bearing, large tree. Pollinizes other sweet cherries.

↘ **MONTMORENCY.** A very hardy sour cherry tree that bears immense crops at an early age. The shining red fruits are large, of fine flavor and valuable everywhere. Preferred as canning variety.

↘ **ROYAL ANNE.** Large light amber cherries suffused with red when ripe. Fine for canning.



Blazing Gold Peach (Pat. 1127)

APRICOTS

Few fruits give as satisfactory returns to the home gardener as do the apricots. Small trees bearing enormous crops in early summer.

↘ **BLLENHEIM.** Large, attractive fruits, well formed and delicious. Trees are steady producers of high-quality drying, canning and fresh fruits.

↘ **MOORPARK.** Large round deeply colored fruits. Best for eating. Fine along the coast. Shy bearer. July.

↘ **ROYAL.** Large well formed attractive fruit. The flesh is delicious and deep orange in color. Sweet. One of our best varieties and a favorite for home planting. June.

↘ **TILTON.** Richly colored heart-shaped fruits. One of the latest to ripen. Best in dry hot valleys.



Freedom Nectarine (Pat. 1161)

NECTARINES

↘ **FREEDOM** (Pat. 1161). Very large, highly colored Freestone Nectarine, flesh golden yellow, firm, juicy, good for shipping, canning and home table, excellent flavor. Ripens late July. \$3.50.

↘ **GOLD MINE.** Large white, red blushed freestone; juicy white fleshed with excellent flavor for home use. Early August.

↘ **JOHN RIVER.** Medium to large size, crimson colored on exposed cheek; flesh greenish white. Good semi-freestone. Mid-June.

↘ **STANWICK.** Pale green shaded with purple. Commercial variety. Early August.

If your problem is
space

ask for our

**DWARF
FRUIT TREES**

and

**COMBINATION
FRUIT TREES**

See page 38

Complete
Listing of PEACHES
on Page 38

FIGS

↘ **BROWN TURKEY.** Large, long rich purplish-brown fig. Strawberry red flesh is sweet and juicy. Prune heavily.

↘ **KADOTA.** All-purpose white fig—drying, pickling or eating fresh. Medium pale yellow skin, sweet amber flesh.

↘ **MISSION (California Black Fig).** Medium size to large figs long necked deep violet-black figs with brownish-red flesh. Prune lightly. Does well in all sections.

New
Springtime
Peach
(P.A.F.)



GIVE A LIVING GIFT FOR LASTING BEAUTY

Insist on



➤ **STRAWBERRY FREESTONE.** Medium to large yellow peach blushed red. Flesh white, red around the pit. Early July.

PEACHES (Cling)

➤ **HALFORD CLING.** A new variety that is rapidly becoming popular for canning. Bears exceptionally heavy crops of firm yellow high quality fruit. Late August.

➤ **PALORA CLING.** Leading midsesoon canning variety in all peach districts. Large fruit, clear yellow, fine-grained flesh. Excellent for home orchards as well as commercial canning. August.

Ask us about other varieties, if you do not find the kind you want listed.

For the Family Orchard in Your Own Backyard



Dwarf Pear Tree — 25 Years Old

DWARF FRUIT TREES

Priced: \$3.75 and up

are the answer to the fruit needs of the small family. They are quick-maturing, productive, long-lived, and should be planted about 10 feet apart. 8-10 feet high full grown.

Dwarf Fruit Trees Are Available in

APRICOTS, APPLES, PEARS, CHERRIES, PEACHES, PLUMS

COMBINATION FRUIT TREES

(Combination Fruit Trees Are Not Dwarfs)

Priced: \$6.50 and up

have been developed to provide a variety of fruit on limited space for the average family need. If your lot allows for only a few fruit trees, you can still have an amazing number of varieties, if you plant our Combination fruit trees. Available in

➤ **APPLES** ➤ **CHERRIES** ➤ **PEARS**

PEACHES (Freestone)

➤ **BLAZING GOLD** (Pat. 1127). New, very early yellow-fleshed freestone that ripens six weeks before Elberta. It's a vivid red and gold peach of medium to large size, form and juicy with a slightly acid flavor. Ripens in early June. \$2.50 each.

➤ **ELBERTA.** Large yellow, with red cheek; flesh yellow, firm, juicy, of high quality. Exceedingly prolific. Leading market variety, valuable for shipping, canning and drying. Mid-July.

➤ **FAY ELBERTA (Gold Medal).** Large elongated yellow-fleshed freestone similar to Elberta but with smaller pit. Late July.

➤ **GOLD DUST** (Pat. 1144). Very early, firm, yellow-fleshed, delicious and ripening 40 days ahead of Elberta. It's the finest peach ripening at this season, showing great promise as a commercial shipping variety. The fruit is crisp and juicy, with a pleasing non-acid flavor. When correctly packed it shows excellent keeping qualities. Vigorous tree, consistent bearer. Mid-June. \$2.50 each.

➤ **J. H. HALE.** The almost fuzzless skin is overspread with deep crimson; the flesh is yellow, red at the pit, unusually firm.

➤ **KRUMMEL'S OCTOBER.** One of the latest freestone peaches and a profitable market variety. Fruit large, lemon yellow, lightly blushed with carmine; flesh yellow, red at the pit. Early October.

➤ **KIM ELBERTA (Early Elberta).** Early ripening Elberta. Two weeks earlier. Excellent for shipping or home canning. Early July.

➤ **NECTAR.** An excellent early white fleshed freestone ripening in late June to early July. Large size red blush, firm, juicy, fine texture. A good home orchard and local variety.

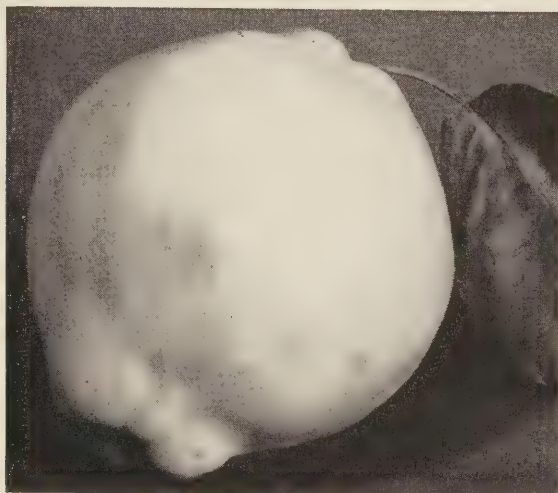
➤ **MAYFLOWER.** Fruit medium size, well colored and attractive. Flesh is greenish-white and partially free. Our earliest variety. Late May.

➤ **RED HAVEN.** A new early yellow freestone of medium size and color, firm flesh, and valuable as a good shipper. Late June.

➤ **RIO OSO GEM.** Similar to J. H. Hale, large round fruits, brilliant dark crimson shading to orange-red. Yellow flesh of fine flavor. Two weeks after J. H. Hale.

➤ **SPRINGTIME.** (Pat. Appl. for). A new near-freestone peach, white-fleshed, unusually mottled with red on a creamy skin, and of excellent and delicious quality. Its most startling commercial possibilities, however, lie in the fact that it ripens from 2 to 4 weeks earlier than the earliest peaches so far known. Its name is right, for it gives us peaches in May, often even in the early part of it. \$3.00 each.

California-Grown Nursery Products



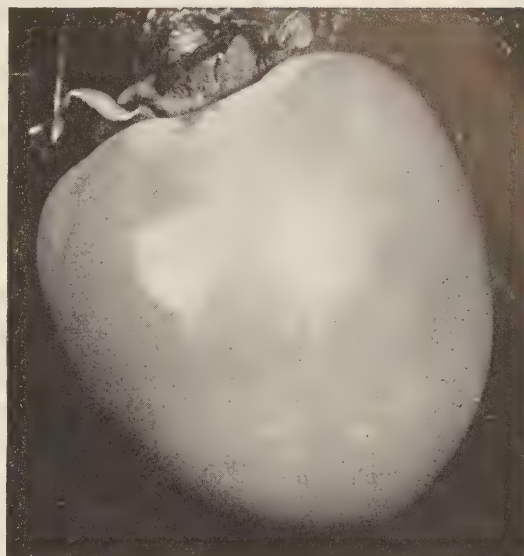
Hachiya
Persimmon

PERSIMMON

\$3.75 and up.

HACHIYA. The best and most popular variety. Large cone-shaped bright orange-red fruit with sweet, rich, soft flesh. Puckery only when not completely ripe.

Quince
Pineapple



PEARS

BARTLETT. The outstanding canning, drying, and market pear. Fruit large and regular in shape, tapering slightly toward apex. Skin bright yellow with rose blush. Flesh fine grained, buttery and juicy. August.

COMICE. Skin rich yellow at maturity, often shaded with crimson. Flesh white, fine grained and melting, sweet and rich. Very good. October.

WINTER NELIS. Small delightfully flavored fruits. Excellent along the coast. Oct.-Nov. Good bearer and pollinizer.

PECANS

\$4.50 and up

MAHAN. Vigorous tree producing very large nuts with paper-thin shells and richly flavored kernels. The tree bears young, is also good for shade.

SUCCESS. Large, soft-shelled nut of good quality, a prolific and self-fruiting. Widely planted in the interior valleys.

HOW TO PLANT FRUITS. BERRIES. ASPARAGUS

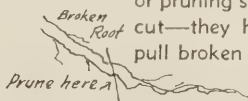
TREES should be planted as soon as possible after they arrive. Keep moist until planted. Do not expose roots unnecessarily to sun or wind. If not planted immediately "heel-in" in moist soil.

①

COVER with wet burlap or wet newspaper until planting holes are ready.

②

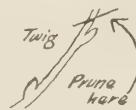
PRUNE all broken roots with a sharp knife or pruning shears. Make a clean cut—they heal quickly. Never pull broken pieces off.



③

SPREAD roots out in a natural position and tamp soil firmly about roots. Water well.

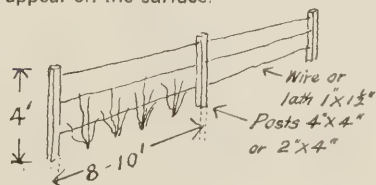
④ **PRUNE THE TOP GROWTH.** Young trees may have from one to several small twigs when planted. These develop into the main branches later on.



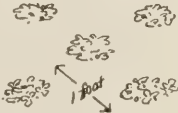
It is important to carefully select the branches to leave so that the top of the tree will be well balanced, sturdy and strong. Heavy bearing trees should be disbudded for larger, finer flavored fruits.



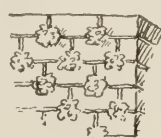
BERRIES may be planted as hedges, but sprawly kinds like blackberries (Boysen, Young, and Logan) are better trained on trellises. Their dense growth covers the trellis and fruits appear on the surface.



STRAWBERRIES.



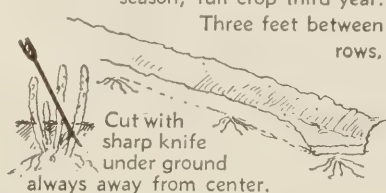
for wider beds allow walk at 3-foot intervals.



Strawberries used as cover on dry wall. Plant in intersections of blocks in good soil. Face sun.

ASPARAGUS. Plant in furrows or trenches. Roots should be 6 to 8 in. deep, but when planted cover only 2 to 3 in. and later in season fill in the remainder. Cut very lightly second season; full crop third year.

Three feet between rows.





Red Haven Peach

PLUMS

Plums are satisfactory small trees for the home grounds. They bear consistent, good crops, make excellent preserves and some kinds are delicious to eat fresh. A few varieties are listed here.

- **BLUE DAMSON.** Small tart purple fruits; amber flesh. Finest variety for jams. September.
- **GREEN GAGE.** Greenish yellow rounded fruits with rich, sweet, firm flesh. A favorite for home canning use. Early July.
- **SANTA ROSA.** Popular variety with oval fruits, maroon skin and amber flesh. A favorite for home canning use. Late August.
- **SATSUMA.** Deep blood red fruits in quantity. August. Should have pollinizer.



➤ Mahan Pecan

If Your Problem
Is Space
Ask for Our
**DWARF FRUIT
TREES**
and
**COMBINATION
FRUIT TREES**
See Page 38

Fruit trees from **dormant bare root** stock are available for planting from late December to mid-March. In any other season most varieties are available growing in containers at slightly higher prices.

POMEGRANATE

- **WONDERFUL.** Attractive large shrub with red flowers and attractive odd shaped fruits. Easy to grow, doing very well in dry hot places.

PRUNES

- **FRENCH IMPROVED.** Large deep purple fruits. The standard drying variety. September.
- **IMPERIAL.** Extra large; purplish red skin, flesh greenish-yellow, high sugar content. Used as fresh and dried fruit. Plant with French for pollinization. August-September.
- **SUGAR PRUNE.** The earliest prune for shipping or canning use. Fruit medium to large, oval, dark purple. Flesh sweet and of good quality. Excellent pollinizer. Vigorous grower. August.

QUINCE

- **PINEAPPLE.** Smooth golden-yellow fruit of white flesh with slight pineapple flavor. For eating and making jelly. September.

WALNUTS, ENGLISH

\$3.50 and up

- **BLACK WALNUT.** Seedling trees of an improved strain available. Nut medium size. Adapts itself easily to different climates. \$1.75 up.
- **EUREKA.** Large elongated nuts. Very hardy.
- **FRANQUETTE.** The finest walnut for Northern California. Produces high quality nuts and makes a beautiful shade tree.
- **PAYNE.** High quality. Starts to bear while young.

For commercial plantings ask for quotations and varieties not listed.



Santa Rosa Plum

GRAPE VINES

Berries and Grapes are good for small properties where in a little space they produce an abundant supply of quality fruit.

Bare Root: 50c each; 3 for \$1.35, except where noted

- ✓ **BLACK MONUKKA.** Black, seedless grape of medium size. Excellent sweet, crisp flavor. August.
- ✓ **FLAME TOKAY.** Rich red, sweet and firm. A fine keeper. September.
- ✓ **RIBIER.** Blue-black. Large sweet. Crisp skin and firm flesh. August.
- ✓ **MALAGA.** A good, sweet, white table grape. The flavor of the famous Spanish wine. August.
- ✓ **MUSCAT.** Very sweet raisin and wine grape. White. September.
- ✓ **LADY FINGER or RISH BABA.** Berries large, long, oval, white. Vigorous vine. Firm flesh, juicy.
- ✓ **THOMPSON SEEDLESS.** Small sweet white. August. Most popular variety. Excellent arbor grape.



Concord Grape



Thompson Seedless Grape

RECENT INTRODUCTIONS

- ✓ **CARDINAL.** This new California grape is the answer to the grape fancier's dream. Large, round, cardinal-red grapes full of juice and flavor—unexcelled as table grape and of highest quality. July. 75c each; 3 for \$2.00.
- DELIGHT.** A new dark greenish-yellow seedless table grape, ripening two weeks ahead of Thompson Seedless and resembling Thompson in color, though slightly larger and more crisp. This variety shows great promise because of its early ripening, fine keeping quality and delicate Muscat flavor. It produces heavily on big loose bunches. Late July. 75c each; 3 for \$2.00.
- ✓ **SCARLET.** A new jet black, very juicy, early-midseason grape of medium size. Excellent for California planting as a variety for juice and jelly with a Concord like flavor. 75c each; 3 for \$2.00.
- EASTERN CONCORD.** Favorite blue grape for jelly, juice and preserves. 75c each; 3 for \$2.00.
- ✓ **NIAGARA.** Most popular white American grape. Like the Concord but white in color and very delicious. 75c each; 3 for \$2.00.

ARTICHOKE—ASPARAGUS—RHUBARB

ARTICHOKE

FRENCH GREEN GLOBE. Standard variety. Large flower buds are cut and cooked. Foliage ornamental. 50c each, 3 for \$1.35.

ASPARAGUS

MARTHA WASHINGTON. Early variety. Fine tender tips. Rust-resistant. 25 for \$1.50, 100 for \$6.00.

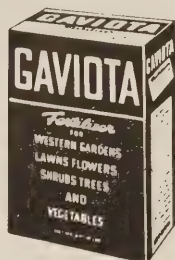
RHUBARB

STRAWBERRY. Stalks light pink. Vigorous and hardy. 50 each, 3 for \$1.35.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

GAVIOTA'S

FAMOUS GARDENING FAMILY



GAVIOTA GARDEN AND LAWN FERTILIZER

Quick acting, long lasting and specially balanced for Western soil and climatic conditions.

R.A.C. FERTILIZER

For Rhododendrons, Azaleas, Camellias and other plants that thrive best in what is termed acid soil.



TAPS SLUG & SNAIL BAIT

Quick, sure death to snails and slugs. Helps control sowbugs, cutworms and similar pests. In pellet or meal form. Money-Back Guarantee.

GAV-O-TIL SOIL CONDITIONER

Improves aeration, porosity, water absorptive capacity and ease of cultivation in difficult soils. In dry or soluble form.



GAVIOTA ORCHID FERTILIZER

Contains all necessary food elements for orchids and other potted plants. Soluble in water. Fertilize your plants as you water.



PACIFIC GUANO COMPANY
BERKELEY LOS ANGELES

3 GREAT PRUNING SHEARS for Professional or Home Use



No. 5 Grass Shear
Made of finest cutlery steel, the No. 5 is light-weight and beautifully finished. One-hand blade lock, no protruding "horns", flush pivot bolts, bumper stop and hand-saving neoprene covered handles are other outstanding features.



**No. 89A
Slice Cut Shear**

A great, all-'round shear with many work-saving features: speedy, knurled roller lock, pistol grip handles, concealed spring, "no-pinch" grips, compact cutting head, increased leverage, chrome plated.



**No. CV195
Mighty Midget**

A baby (20 oz.) lopper with power to spare. A "must" for vine pruning! Seasoned hickory handles and neoprene bumper make work easier.

Ask us for a catalog showing the complete Corona line of quality pruners.

CORONA CLIPPER CO.
CORONA, CALIFORNIA



BLACK MAGIC

Everything your house plants need to thrive!

PLANTER MIX

The original house plant mix, a substitute for souring soil. Ready for use; add nothing but water.

50 cu. in.25
120 cu. in.39
240 cu. in.69

LEAF-LUSTRE

Cleans and brings out the natural beauty of shiny-leaved plants. Aromatic.

2 ounce39
4 ounce69

PLANTER FOOD TABLETS

For supplementary feeding of all house plants. All-organic; non-corrosive.

40 tablets29
150 tablets79
300 tablets 1.39

AFRICAN VIOLET MIX

New and improved medium for AFRICAN VIOLETS and GLOXINIAS.

120 cu. in.45

BLOSSOM BOOSTER

A liquid plant food fortified to make AFRICAN VIOLETS and GLOXINIAS bloom.

4 ounce59
8 ounce 1.00

buy with
confidence



FOR A MORE BEAUTIFUL LAWN

LOVELIER FLOWERS



FINER VEGETABLES

Contains sure-fire potassium cyanate **WEEDONE®** **CRAB GRASS KILLER**

Grass experts agree that potassium cyanate is the most effective crab grass and chickweed killer. Just sprinkle—it's formulated to go right to work and then become a valuable fertilizer. Harmless to people and pets. Does not kill good grasses.

6½-oz. can \$1 26-oz. can \$3
1½-lb. can \$8.85

Life insurance for seedlings **TRANSPLANTONE®** THE HORMONE-VITAMIN

Use it to bring most of your seedlings to healthy maturity. Just a pinch of Transplantone in the water you pour on them brings seedlings and shrubs, too, safely through transplanting shock.

½-oz. packet 25c 3-oz. canister \$1

Indispensable for the well-kept lawn **WEEDONE®**

The Original Miracle Weed Killer

Acclaimed by experts, used by almost everyone with weeds to kill. Does an amazing job on over 100 weeds and woody plants... dandelions, plantains, poison oak and brambles, including wild blackberry. Only Weedone contains the butoxy ethanol ester of 2,4-D and 2,4,5-T. No vapor injury to nearby susceptible plants. Harmless to people and pets. Does not kill grass.

8-oz. can \$1 1-qt. can \$2.75
1-gal. can \$6.75



Plastic Weedone Applicator
Won't cut or scratch hands.
Cap fits any screw-top gallon jug.

ONLY
59¢

A really creative hobby! Make cuttings from your favorite plants

ROOTONE® WITH FUNGICIDE

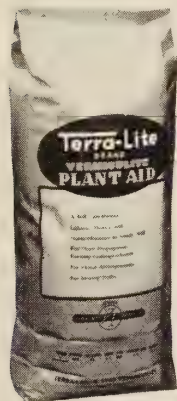
Indoors or out, your cutting program will be a huge success when you start cuttings with ROOTONE. Just dip the cuttings before planting—you'll get quicker, surer rooting and bigger, healthier root systems. Newly added fungicide controls damping-off and other soil-borne diseases.

¼-oz. packet 25c 2-oz. jar \$1

For bigger, meatier tomatoes **FRUITONE®**

Spray tomato buds at blossoming time, and each plant will set clusters of delicious tomatoes. Treat limas and string beans, too. Use on holly and Christmas trees to hold leaves.

2/5-oz. packet 25c; 2-oz. canister \$1



PLANTS THRIVE BETTER FASTER

in **Terra-Lite®**

Nature's Own Mineral Soil Conditioner

Miracle-working Terra-Lite is a permanent soil conditioner that lightens and aerates heavy clay soil... gives sandy soils more body, better water retention. Promotes vigorous root growth, improves action of fertilizer!

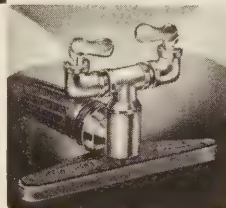
ELKAY HOSE NOZZLE

From a jet of soft rain at the tip of your finger. Positive shut-off control. Jet stream will reach roof of two-story house.

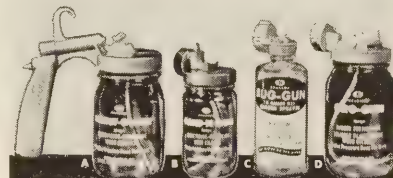


ELKAY POWER SHOW'R

Spinning or stationary, the Power Show'r permits watering in circles, figure eights, half-circles, parkstrips. Spouts are adjustable for low or high sprays.



BRADSON Garden Hose Sprayers



WATER DOES THE WORK

So easy! Used like a nozzle on hose, handle any material you mix with water to apply, liquid or powder, without clogging. Do a better job. Clean in 30 seconds. Fully guaranteed.

For

Insecticides, Fungicides, Weed Killers:

Bradson Sprayers thoroughly drench plants with a soft, misty spray of insecticide or fungicide. They get more on both sides of leaves, on more of the plant, so more pests are killed.

A. Insect-O-Gun—Pint mason jar holds enough to make 3 gal. proper spray (for 6 gal. replace with quart jar). Bradson water valve stays on when turned on, off when turned off. Deluxe pistol grip model. **\$5.95**

B. Gard-N-Gun—1½ gal. capacity. Has Bradson water valve. **\$2.95**

C. Bug-Gun—1½ gal. capacity. Easy one-finger control. **\$1.95**

For volume application: fertilizer, plant food, lawn moth treatment, etc.

D. Gro-Gun—20 gal. capacity; for 40 gal. replace quart mason jar with ½ gal. Fertilize average lawn in 13 minutes! One-finger control. Also ideal for spraying insecticides, etc., on trees, many other uses. **\$2.95**

Now GROW PRIZE PLANTS IN YOUR GARDEN LET **PLANT-CHEM**



GIVE YOUR HOME GARDEN NEW BEAUTY, NEW VIGOR!

A scant spoonful makes a Gallon of Rich Plant Food

Has ALL THE STUFF IT
TAKES TO DO THE JOB

Size	No.	Makes	16 gal.	Price each	No. in Carton
16	37½	37½		\$.25	36
37½	100	100		.50	24
100	400	400		1.00	12
400	1200	1200		2.00	6
1200	3000	3000		5.00	2
3000	5000	5000		10.00	1
5000	T-40	40 Tablet package		15.00	1
T-40				.25	36

A scientific balance of the big 3 plant nutrients and plant growth hormone plus all of the minerals and trace elements necessary for hydroponics. Tested and endorsed by leading growers and hybridizers. Your sure and easy way to rich, health giving vegetable harvests and beautiful, rich colored, long blooming, disease resistant flowers.



Streamliner Strawberries



New Washington Raspberry

BERRIES for the FAMILY

RASPBERRIES

50c each, \$5.00 per 12

✓ **INDIAN SUMMER.** This is by far the best everbearing raspberry yet introduced. Of very excellent quality and continuous bearing. A vigorous and hardy plant. The large fruits are delicious with just the right sweet-tangy taste.

✓ **WASHINGTON.** Produces a heavy crop of berries that are slightly larger than Cuthbert, firmer and brighter color. Disease resistant.

BLACKCAP RASPBERRIES

✓ **CUMBERLAND BLACKCAP.** Fine large berries, purple in color. Excellent for table and preserving.

THORNLESS VARIETIES

2-year plants:

75c each; 3 for \$2.00; 12 for \$7.50

✓ THORNLESS LOGANBERRY

Vigorous vines with heavy crops of dark red delicious berries. One of the best for home garden. Excellent for jams and jellies.

✓ THORNLESS BOYSENBERRY

The large berries are often 1 1/2 inches long, have excellent keeping and shipping qualities. Fine for home use in pies, jellies and preserves, or fresh with cream.

✓ THORNLESS YOUNGBERRY

Rapid growing vines bearing heavy crops of deep purple berries. Almost seedless. Fine flavor. The Thornless Youngberry is a new berry similar in appearance to the Boysenberry, darker in color, but sweeter.

GROW YOUR OWN BERRIES

BLACKBERRIES

✓ **CORY THORNLESS.** Because of the thornless habit this berry can be in the back yard where space is limited. Fruit jet black, sweet, tasty and small seeded.

NECTARBERRY

✓ **NECTARBERRY.** Thorny. If you are interested in a tasty berry that is different we suggest you try this one. Similar in size to the Boysen it possesses the tang of the Youngberry but less acid and when ripe the dark wine colored, almost black, berries can't be beaten when served with cream. Almost seedless. They make delicious jams and jellies.

STRAWBERRIES

✓ **DONNER.** The tall, bushy growth of the foliage keeps the big dark berries well protected. It bears two to three heavy crops of sweetly flavored fruit. \$1.50 per 25, \$2.75 per 50, \$5.00 per 100.

✓ **NORTHWEST.** A new large strawberry which has found favor both with commercial and home gardeners. Late fruit, disease resistant, and hardy, suited to the climate of Northern California. \$2.00 per 25, \$3.75 per 50, \$7.00 per 100.

✓ **ROCKHILL.** A very productive plant of sweet rich red berries. Bears young and over a long season. Propagated by crown division. Does not produce runners. \$3.50 per 25, \$6.60 per 50, \$12.00 per 100.

✓ **SHASTA.** One of the finest of the University varieties. Well adapted to the Coastal and Interior valley areas of California. Producing big dark berries with good flavor and aroma. Good for freezing as it holds up well on thawing. 2 to 3 crops a season. \$1.50 per 25, \$2.75 per 50, \$5.00 per 100.

✓ **STREAMLINER.** Everbearing. Radiant red berries, richly colored and full of flavor. Firm flesh. Excellent for canning and quick freezing. New introduction rapidly gaining popularity. \$2.00 per 25, \$3.75 per 50, \$7.00 per 100.

✓ **UTAH (20th Century).** Everbearing. A very large, firm all-red berry. Vines produce heavy crops, but require good ground and lots of water. \$2.00 per 25, \$3.75 per 50, \$7.00 per 100.



Loganberry



Thornless Boysenberry

Planting Hints for Berries and Small Fruits
on Page 31

California-Grown CITRUS TREES

Balled and Burlapped: \$6.00 up

ORANGES

➤ **WASHINGTON NAVEL.** The famous winter ripening orange. Large fruits easily peeled and broken into segments. Thrives best a few miles from the coast. Can be grown any place in California where citrus is grown. December to May.

➤ **VALENCIA ORANGE.** Best summer crop, ripens from April to December after the Navel season is over. Thus ripe oranges can be had through the summer and fall. Juicy, sweet and few seeded.

➤ **ROBERTSON NAVEL** (Plant Pat. No. 126). Produces an enormous crop of delicious navel oranges. It is a fine winter orange for home planting. Bears younger and earlier than Washington Navel. Add 50c royalty.

MANDARIN ORANGES

➤ **DANCY TANGERINE.** Medium to large flattened fruits. Very juicy and of fine flavor. February to May.

➤ **SATSUMA (Owar) ORANGE.** One of the hardiest oranges. Fruits ripen very early, usually before Christmas (October). Large, flat, loose-skinned, deep orange in color.

AVOCADO

Avocados today are no longer a mere rare delicacy, but an everyday food item. Moreover, the trees are valued for their deep, cool shade. We offer especially popular varieties. \$9.50 up.

NOTE: Fruit does not mature well in colder climates.

➤ **DUKE.** Most resistant to cold, this variety ripens between September and October. Fruits oval and green, flesh pleasantly mild. 22°.

➤ **MEXICOLA.** This early-ripening variety (August to Sept.) also is one of the hardiest. Fruits small, shiny purple black and oval. Flesh of excellent quality. The heat and cold resistant tree bears heavily once it starts to fruit, usually second year after planting. 19°.

GRAPEFRUIT

➤ **MARSH SEEDLESS.** Compact growing variety widely planted in California. Fruit juicy, seedless, very good. May-August.

KUMQUAT

➤ **NAGAMI.** Semi-dwarf tree giving abundant crops of small egg-shaped golden orange fruits most of the year. Hardy and very ornamental.

LEMONS

➤ **EUREKA.** The leading lemon for commercial and home planting. Fruit uniformly medium size, juicy, and few seeded. Most of the fruit is ripened during the summer but bears throughout the year.

➤ **MEYER LEMON.** Semi-dwarf. Fruit large, oval and deeply orange yellow in color. Hardy throughout most of California. Laden with fruit most of the year. See page 13 for bush variety.

LIMES

➤ **BEARSS SEEDLESS.** Finest and largest of all limes. Seedless, juicy fruits ripen mostly during the summer, when limes are in demand. Large, vigorous and almost thornless.

➤ **RANGPUR LIME.** Fruits look very much like Tangerines, both skin and pulp being reddish-orange. Acid fruit. November to March.



Washington Navel Orange



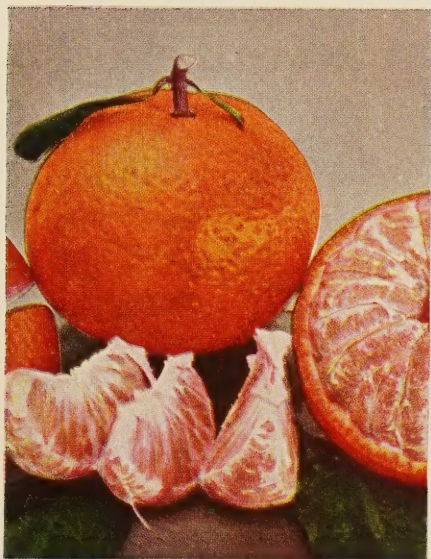
Eureka Lemon

LIMEQUAT

➤ **EUSTIS.** The parents of this citrus fruit are Mexican Lime and Kumquat. One of the finest of small citrus. Fruits are like small thin skinned yellow limes, very juicy and almost seedless. Excellent for beverages.

YOUNG CITRUS TREES

need protection of bark from hot sun until they are shaded by their own foliage. In colder sections cloth protection from frost is needed during the first few years. For best fruit regular fertilizing and careful watering are essential.



Mandarin Oranges (Tangerines)



Kumquat

TREE RIPENED FRUIT TASTES BEST

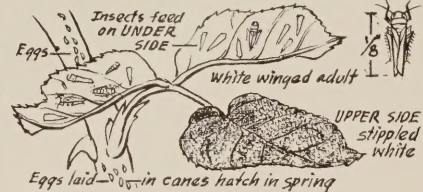
BRISTLY ROSE SLUG (SAWFLY) feeds on Rose leaves



$\frac{3}{8}$ " pale green larva with white bristly hairs
5/16" black adult sawfly.

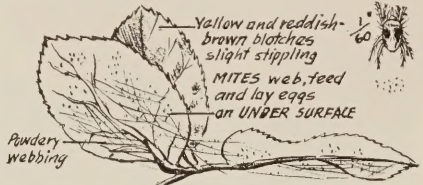
Slugs first appear about May 1st. Spray foliage with Improved ISOTOX Garden Spray M or dust with ORTHO Rose Dust. Apply when slugs first appear and repeat as necessary.

ROSE LEAFHOPPER (illustrated on Rose) feeds on many plant leaves



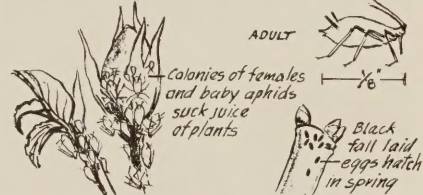
Leaves of Roses and many other flowers mottled with whitish spots. Leafhoppers suck sap and cause or spread serious virus diseases. Spray with Improved ISOTOX Garden Spray M or dust with ORTHO Rose Dust.

RED SPIDER MITE (Two-spotted Mite) reddish yellow or greenish orange



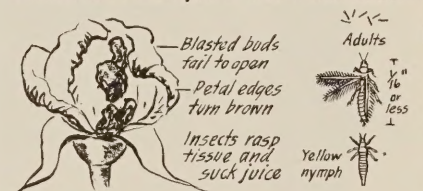
Use a combination of VOLCK Oil Spray and ORTHORIX Spray as a dormant or winter spray. See product label. In summer apply Improved ISOTOX Garden Spray M.

APHIDS, rosy, green, black Plant-Lice—Some have wings Illustrated on Rose.



Aphids attack nearly every garden plant. Spray both sides of leaves thoroughly with Improved ISOTOX Garden Spray M, or if you prefer to dust, use BOTANO deluxe Garden Dust. Apply every 1 to 2 weeks.

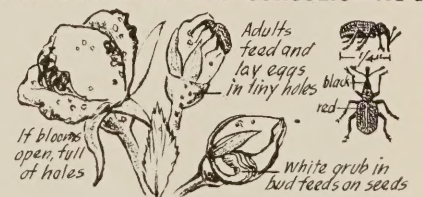
THRIPS of several species feed inside flowers and buds



Adults are yellow, black, brown or banded.

Apply Improved ISOTOX Garden Spray M or ORTHO Rose Dust when insects first appear and repeat as necessary. Apply so both upper and lower leaf surfaces are well covered.

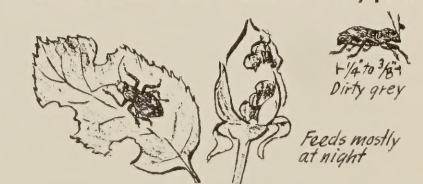
ROSE SNOUT BEETLE or CURCULIO—red and black



Beetles destroy flower buds. Lay eggs in seed pods.

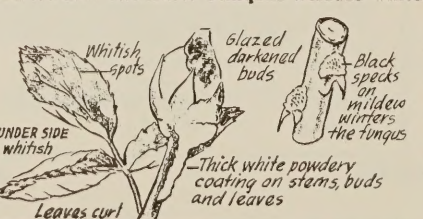
Appears in early summer. Apply ORTHO Rose Dust. Repeat dusting as necessary.

FULLER'S ROSE WEEVIL attacks many plants—Does not fly



Use ORTHO-KLOR Chlor-dane Dust. Dust plants and around base.

POWDERY MILDEW Fungous Disease winters on plant tissue



Use ORTHORIX Spray or ORTHO Rose Dust every 1 to 2 weeks throughout growing season. Treat more often for severe infection. Start regular preventative program of treatments as soon as foliage appears.

ORTHO Flower

The pests and diseases illustrated here are for your easy identification. Here, too, are the weapons to repel them. Most of these diseases and pests attack more than the specific plant we've illustrated. So wise gardeners follow the practice of spraying their whole garden to preserve the health and beauty of their flowers.



ORTHORIX Spray—contains 26% Calcium Polysulfide and special wetting agent. A special fungicide formulation. Mix with Improved ISOTOX Garden Spray M for excellent combination spray. Use also to correct soil for acid-loving plants.

4 oz. bottles. .\$.39
16 oz. bottles. .1.00

Improved ISOTOX Garden Spray M—truly multi-purpose insect spray that contains Lindane and Malathion and DDD. 3-way pest killing power plus effective residual control. May be used with ORTHORIX Spray for an effective combination spray.

8 oz. bottles. .\$.175

BOTANO de luxe Garden Dust—effective control against many chewing, sucking insects, soil insects, and plant diseases. This dust is wettable—may be mixed with water to spray.

8 oz. dusts. .\$.1.00
1 lb. refills. .\$.1.25

CALIFORNIA SPRAY-CHEMICAL CORPORATION, Richmond Calif.

T.M. Reg.

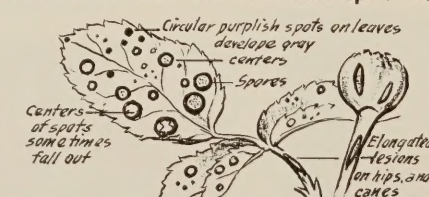
ROSE RUST Fungous Disease, winters on old leaves



Rake up old leaves in the fall.

During Dormant season, prune, destroy all old leaves and spray with ORTHORIX Spray. During growing season continue to apply ORTHORIX Spray or dust with ORTHO Rose Dust.

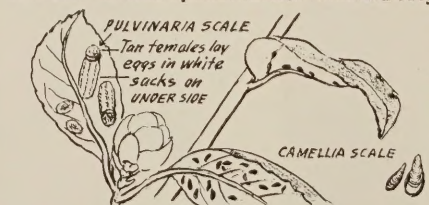
ANTHRACNOSE (Leaf and Cane Spot) illustrated on Rose



This fungous disease shows symptoms on all above ground parts of many plants.

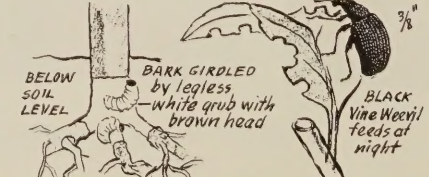
Dust several times in the spring with ORTHO Rose Dust or BOTANO de luxe Garden Dust.

SCALE of several species infests Camellia twigs and leaves



The control method for all scale on Camellia is the same. Spray in spring after danger of frost is past and again in October, using VOLCK Oil Spray. For Crawlers, apply Improved ISOTOX Garden Spray M.

STRAWBERRY ROOT WEEVILS—BLACK VINE WEEVIL Brachyrhinus

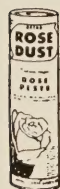


Treat in fall and spring. Apply Improved ISOTOX Garden Spray M to soil around plants with sprinkling can or sprayer. Or dust soil with BOTANO de luxe Garden Dust.

Spray Chart



ORTHO SPRAY-ETTE Garden Hose Sprayer—spray your whole garden—it's easy with the **ORTHO SPRAY-ETTE**. Attaches to your garden hose; water penetration does the work. Delivers a driving wet spray that penetrates, saturates—and kills insects\$2.95



ORTHO Rose Dust—contains 2 insecticides, 2 fungicides in handy, ready-to-use pump-action duster. This dust is wettable—may be mixed with water to spray.

8 oz. dusters...\$1.00
1 lb. refills.... 1.25



VOLCK Oil Spray—kills pests by enveloping, wetting and smothering them. Good plant polish—gives foliage richer appearance.

4 oz. bottles...\$.35
16 oz. bottles... .75



ORTHO-KLOR 44 Chlordane Spray—multi-purpose insecticide, containing Chlordane. Kills pests, such as lawn moths, cutworms, earwigs, and ants.

8 oz. bottles...\$1.45

U.S. Pat. Off. Ortho, Botano, Isotox, Orthorix, Volck, Ortho-Klor 208.04/251 082553

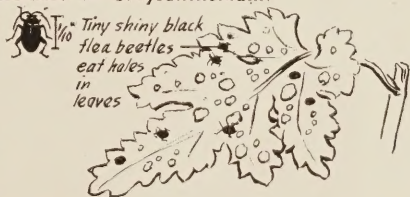
FLEA BEETLES (illustrated on Chrysanthemum)

Small black beetles. Hind legs enlarged for jumping. Eggs laid in soil.



Tiny shiny black flea beetles eat holes in leaves

Spray with Improved ISOTOX Garden Spray M or dust with BOTANO de luxe Garden Dust. Apply when insects first appear and use frequently during heavy infestation.



CHRYSANTHEMUM GALL MIDGE causes distortion of stems, foliage and flowers.

Spray plants with Improved ISOTOX Garden Spray M or dust with BOTANO de luxe Garden Dust. For best results, apply in early morning or late evening when the temperature is low and the air is still.



Tiny brownish orange gnats lay orange eggs on new growth

Larva develop inside green or reddish conical galls on leaves stems and buds



BLISTER BEETLES (illustrated on Aster) eat foliage and flowers

Use Improved ISOTOX Garden Spray M on foliage or dust adjacent ground with ORTHO Rose Dust. Apply when damage first appears and repeat as necessary.



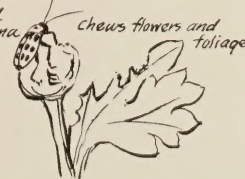
Blister beetles are slender, long-legged, black, gray, or brown sometimes striped 5/16" to 3/4" long Eats flowers and foliage

SPOTTED CUCUMBER BEETLE Diabrotica on Chrysanthemum

Spray foliage with Improved ISOTOX Garden Spray M or dust soil around plant with BOTANO de luxe Garden Dust.

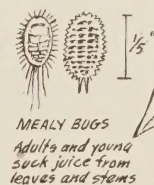


Black head legs, antenna and body Yellow green wing covers with 12 black spots



MEALY BUG (illustrated on Fuchsia) sucks plant juices

Apply Improved ISOTOX Garden Spray M or VOLCK Oil Spray. Do not spray on hot, sunny days.

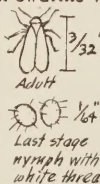


MEALY BUGS Adults and young suck juice from leaves and stems

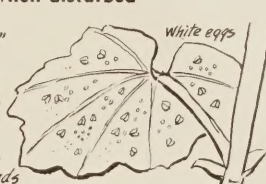


WHITE FLIES fly in swarms when disturbed

Nymphs look like tiny scale insects. Suck juice from under side of leaves.



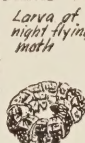
Adult 3/32" Last stage nymph with white threads



Control with Improved ISOTOX Garden Spray M. Spray both sides of foliage thoroughly, especially under spot.

CLIMBING CUTWORMS (illus. on Geraniums) feed at night

Spray plant with Improved ISOTOX Garden Spray M or dust soil with BOTANO de luxe Garden Dust. Apply every 1 to 2 weeks.



Larva of night flying moth Hides in soil in daytime



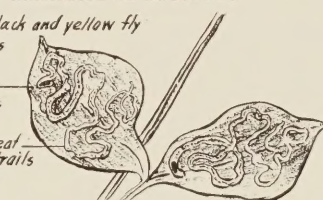
LEAF MINERS (Serpentine) illustrated on Sweet Pea

disfigures leaves with long, narrow, winding, white tunnels.

1/8" Black and yellow fly lays eggs in leaf

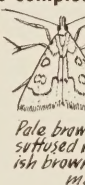
Pupates in mines or in soil

Maggots eat winding trails in leaves



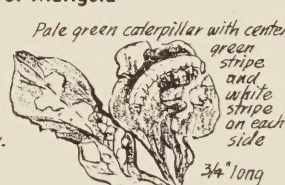
LEAF TIER destroys complete beds of Marigold

Dust leaves with BOTANO de luxe Garden Dust or spray with Improved ISOTOX Garden Spray M. Repeat applications as necessary.



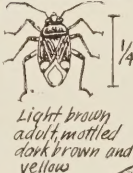
black markings reddish

Pale brown moth suffused with reddish brown. black markings

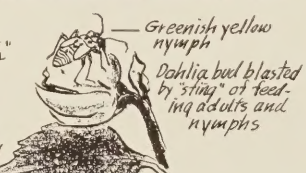


TARNISHED PLANT BUG (illustrated on Dahlia) destroys buds and foliage. Adults and nymphs feed on many other plants.

Spray with Improved ISOTOX Garden Spray M or dust with BOTANO de luxe Garden Dust.



Light brown adult mottled dark brown and yellow

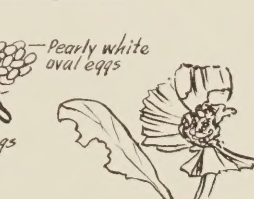


EARWIGS feed on flower petals and vegetables at night. Hide in soil during day.

Spray with ORTHO-KLOR 44 Chlordane Spray or dust with ORTHO-KLOR Chlordane Dust. Apply in damp, shady areas, around and under rocks, boards, etc.



Pearly white oval eggs Female broods over eggs in nest in soil



ANTS attend APHIDS for their honey-dew secretion

By controlling ants in your garden, many troubles will be avoided. Use ORTHO-KLOR 44 Chlordane Spray or ORTHO-KLOR Chlordane Dust. Apply on plants and into soil around plants. Also spot treat nests in lawns.



Ants placing aphids in burrows along roots of plant



Herme
(Jordan's Pride)



Debutante

Dazzled by ever new Camellia blooms? Aren't we all? Just as the rose fancier is fascinated by a new rose discovery. But from him we can learn how really to put our favorites on display by **Landscaping with Camellias.**

The camellia has not only a magnificent blossom, it also has a well formed bush clothed in excellent foliage. Camellias can be used as accent plants, stationary or potted. Some varieties are adaptable to hedge planting. Imagine a Camellia hedge in bloom! Trained on a trellis, espaliered Camellias have a striking effect on fences, walls, or as portable screens. Even hanging Camellias have been grown successfully. Landscaping with Camellias? It's here!

CAMELLIA Collection

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